

## BIBHAS KUMAR SENAPATI

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**Certified Scrum Master / Certified Software Test Manager / AWS Certified Solutions Architect - Associate**

*Offering 11+ years of sterling IT experience*

### EXECUTIVE PROFILE

- ✓ Dynamic IT Professional with More than 11 **years** of well-honed experience in analyzing business Requirements, Development , design, consulting, documentation, testing and implementation of software applications
- ✓ Adept to Project planning and execution, consulting services, exceptional strengths in striking perfect coordination with all stakeholders – company, team, and client to catalyze work performance and ensure project execution within defined cost/time parameters.
- ✓ Met with Client to understand their current technical environment, key business issues, and future technology requirements.
- ✓ Analyzed bid proposals and prepared operational strategies accordingly.
- ✓ Prepared strategies for external purchases and validated processes.
- ✓ Evaluated bid processes and ensured quality for all cost delivery of same.
- ✓ Prepared and verified tender budget and maintained adherence to same.
- ✓ Designed the Architecture Mobile Application Automation solutions using the QTP and Test Complete
- ✓ Proficient in Micro Services ( **Rest API** ) testing , Cloud Testing and Testing in CI/CD using Runscope and Zapier
- ✓ Highly motivated, enthusiastic & thorough team player, with proven correctness & credibility in congruence with capabilities of working on own initiative with a systematic approach & a single-minded dedication towards the task at hand. Presently performing in the capacity of **Senior Associate with DBS (DAH2)**.
- ✓ **Possess experience in the domain of Banking financial services, investment banking and REL and trade finance.**
- ✓ **Certified Scrum Master with More than 6 years' experience as Scrum Master**
- ✓ **Certified Software Test Manager with more than 5 years into Agile Test Management**
- ✓ **AWS Certified Solutions Architect – Associate with more than 1.5 Years' experience in AWS**

**Core Competencies:** Requirements analysis ~ Mobile Cloud ~ Spring Boot ✧ Design and Development ~ SDLC ~ Testing ~ Coordination ~ Team Management ✧ Business Domain Expertise ✧ Cross-functional Coordination ~ Jenkins ~ Maven ~ SonarQube ~ Fisheye ✧ Agile Scrum Kanban ✧ AWS ✧ Cloud Testing ✧ Finacle

### TECHNICAL SKILLS

<b>Operating Systems</b>	Windows XP, Windows NT, Windows 2000, Unix, Linux
<b>Data Bases</b>	My SQL, Oracle, Ms Sql Server , MS-Access , MariaDB
<b>Testing Tools</b>	<b>Quick Test Professional</b> , Win Runner, <b>Test Complete</b> , Test Director, <b>Mercury Quality Center</b> , Fitesse , Load Runner , <b>Selenium</b> with C# , Verifix , <b>Borland's Silk Test</b> , <b>RunScope</b> , <b>Jmeter</b> , <b>Zapier</b> , <b>Junit</b>
<b>Financial Tools</b>	Fidessa , ODIN , <b>Eximbills Enterprise</b> , <b>SIBS</b> , Murex , <b>Finacle</b>
<b>Languages</b>	MS.Net(Vb.net,Vc#.Net,Asp.Net,Ado.Net),TSL,VB Script , UML , Core Java
<b>Business Areas</b>	<b>Banking Financial Services (BFS)</b> , <b>REL</b> , <b>Trade Finance</b> , <b>Retail Banking</b> , <b>Payment System</b> , <b>Investment Banking</b> , <b>Islamic Banking</b>
<b>Version Control</b>	VSS , tortoise SVN , Git
<b>Protocols</b>	TCP/IP, FIX
<b>Concepts</b>	OOAD, OOSE, OOP , Scrum , Agile Methodology
<b>Payment Gateway</b>	SWIFT
<b>Platform</b>	AWS , PCF
<b>Automation</b>	Data Driven, Keyword Enabled , Linear Framework, Business Process Testing Framework in QTP ,
<b>Framework</b>	<b>Hybrid Framework using Redwood for Selenium &amp; C#</b>
<b>Devops</b>	<b>Jenkins</b> , <b>Sonarqube</b> , <b>fisheye &amp; Crucible</b> , <b>Maven</b> ,
<b>Microservice</b>	<b>Spring Boot</b> , <b>RESTFUL API</b>

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## PROFESSIONAL CERTIFICATIONS UNDERGONE

- ✓ International Software Testing Qualifications Board (ISTQB) Software Tester Certifications: Certified Tester - Foundation Level
- ✓ ISTQB Certifications: ISTQB Software Tester Certification Technical Tester: Advanced Level
- ✓ Certified Mobile Cloud Tester (CMCT) – REGD. -G10115631
- ✓ Certified Scrum Master – Regd - G10115781
- ✓ Certified Software Test Manager – Regd - G10116945
- ✓ Certified Cloud Computing Professional – Certificate No – 95082
- ✓ AWS Certified Solutions Architect – Associate - 73FVCK11J2V4Q534

## PROFESSIONAL EXPERIENCE

### DBS – DAH2 India (P) Ltd

Oct 16 – Till Date

#### Agile Coach / Scrum Master

- ✓ Implementing CI/CD Using Jenkins , Maven,JUnit Selenium,Sonar Qube,Fish eye,Crucible,Jira,Confluence
- ✓ Implementing & Leading 5 Agile Scrum Teams
- ✓ Creating and Executing CI/CD test Case for Micro Services ( Rest API) using Runscope
- ✓ Preparing framework and automation Test strategy with respect to Jmeter and Blazemeter for Performance testing
- ✓ Working as Agile Coach for Agile Delivery team (size of 32)
- ✓ Worked as API testing assignment lead using SpringBoot & MariaDB
- ✓ Satisfy the 4 quadrant of agile testing in my current test implementation
- ✓ Managing Vendor team ( Capgemini )
- ✓ Established the Testing Best Practices in TDD within Agile Delivery team
- ✓ Collaborating with the team members and senior management to maintain a continuous stream of information regarding the project status and progress
- ✓ Handled the tasks of developing product road maps and migration strategies
- ✓ Assisted in improving development and support procedures (e.g. refining test development standards, test case review checklist from time to time, preparing technical presentations, preparation of induction manual)
- ✓ Organized and managed resources while creating estimates for the project, Work Breakdown Structure, Project Plan, Contingency Plan & Schedules, identifying risks within defined scope, quality, time and cost constraints

### Columbus Global Services (P) Ltd.

Mar 15 – Oct 16

#### Scrum Master

- ✓ Creating Performance Test Framework using Jmeter tool for Micro Services (Rest API) Performance and BDD testing
- ✓ Creating and Executing CI/CD test Case for Micro Services ( Rest API) using Runscope
- ✓ Implementing Test suite in Amazon AWS Code Pipeline
- ✓ Preparing framework and automation Test strategy with respect to Jmeter and Blazemeter for Performance testing
- ✓ Worked as Scrum Master for last 16 Sprints
- ✓ Satisfy the 4 quadrant of agile testing in my current test implementation
- ✓ Preparing and Executing Contract Test Cases in Run scope
- ✓ Working with Swagger and Json
- ✓ Established the Testing Best Practices in TI ( To-Increase) team
- ✓ Maintaining and implementing the Redwood Framework ( Selenium + C#)
- ✓ Collaborating with the team members and senior management to maintain a continuous stream of information regarding the project status and progress
- ✓ Handled the tasks of developing product road maps and migration strategies
- ✓ Assisted in improving development and support procedures (e.g. refining test development standards, test case review checklist from time to time, preparing technical presentations, preparation of induction manual)

### ZENSAR TECHNOLOGIES LTD.

Dec 12 – Feb '15

### Lead/ Scrum Master

- ✓ Fully managing and Leading QA Team of Size 8
- ✓ Handled the tasks of conducting research on new products and evaluate the specific requirements of customer
- ✓ Preparing the Test Plan for QA activities for ITAPS Project.
- ✓ Preparing framework and automation Test strategy with respect to QTP
- ✓ Responsible for maintaining good relationships with internal and external business partners
- ✓ Interacting with the management, team, and associates to facilitate smooth communication to understand and analyze the requirement and also to identify appropriate solutions for problems, if any
- ✓ Responsibilities include technical & functional gap and to understand results requirements
- ✓ Thorough exposure to Product Life Cycle Management including Business process mapping whereby Identify business core / critical system / processes
- ✓ Led and mentored the project team from both technical and functional perspectives including integration development, requirements identifications, testing, and project management.
- ✓ Collaborating with the team members and senior management to maintain a continuous stream of information regarding the project status and progress

## **TESTING SOLUTIONZ, LLC**

**MAR 12 – NOV 12**

### Scrum Lead

- ✓ Designed and Maintaining the Linear Automation Framework with respect to QTP11.0
- ✓ Handled the tasks of conducting research on new products and evaluate the specific requirements of customer
- ✓ Worked with Marketing Communications to strategize product positioning and key benefits
- ✓ Handled the tasks of managing product business analyst groups and business consultants to complete various projects
- ✓ Fully managing and Leading Automation Team of Size 5, partially involved in Managing Manual Team for IROP Module.
- ✓ Performing Pre-sales activities for new RFPs and New Business leads.
- ✓ Preparing framework and automation Test strategy with respect to QTP and Test Complete.
- ✓ Constructing the Testing COE for the organization.
- ✓ Associated with Marketing and Sales professionals to develop and implement effective marketing plans
- ✓ Handled the tasks of developing product road maps and migration strategies
- ✓ Responsible for maintaining good relationships with internal and external business partners

## **HASTRAA CONSULTING AND SERVICES SDN BHD.**

**MAY 11 – MAR 12**

### Senior Automation Test Analyst

- ✓ Covered business requirements while designing the script for automation by mapping existing Manual Test cases to functional specifications.
- ✓ Designed the Automation Framework for testing inward swift messages for GPS application.
- ✓ Skilled in having documented all system changes and request for user access using Change Request Management
- ✓ Accountable for developing key deliverables throughout the lifecycle of the project as well as for the business owners such as solution proposals
- ✓ Involved in Design and development of EMS (Execution Management System) .
- ✓ Responsible for automation script delivery for GPS, BDS, Limit and SDB Module.

## **TATA CONSULTANCY SERVICES LTD**

**SEP 06-MAR 11**

### ITA (IT Analyst)

- ✓ Analyzing client's requirements and ensuring timely programme delivery in conformity with quality standards
- ✓ Gather & define business requirements while managing the risks to improve business processes and translating the requirements into systems solution by preparing functional specifications
- ✓ Team member for participating in pre-sales strategic planning
- ✓ Performing and Validating Fix message testing using VeriFix tool and preparing the report for the same
- ✓ Deftly managing multiple projects, ensure successful completion of the projects within the approved Budget and smooth execution and implementation of the Project

## EDUCATIONAL & PROFESSIONAL CREDENTIALS

BE (COMPUTER SCIENCE AND ENGINEERING); 2004

B.P.U.T, Orissa

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**Date of Birth:** 8<sup>th</sup> February 1982

**Passport** : G2253659

**PAN** : BDXPS1049C

**References:** Available on Request

**Note:** Please refer to Annexure for Project Details

### ANNEXURE

#### PROJECTS UNDERGONE

**Title** Agile Delivery India Cell  
**Period** Oct 16 – Till Date  
**Description** Designing the CI/CD using Jenkins, Maven, Sonar Qube, Junit, Selenium, Sql Unit. Managing vendor team (Capegemini team) with a development team size of 42. And Evaluating infy tools for code review of finacle scripting. Designing Test automation framework( functional and non-functional). Satisfying all 4 quadrant of agile testing in test architecture in cloud.  
**Role** Test Manager  
**Solution Environment** Jenkins Maven, Junit, Jira, Selenium, Sonar Qube, fisheye, Crucible, Confluence , Spring Boot , Maria DB , pcf

**Title** Addable.io - Beta  
**Customer** Pepsico  
**Period** Mar 15 – Oct 16  
**Description** Addable-beta ( Project name – Emaintenance) is a SAAS ( Software as a Service) Product which is developed on top of Amazon AWS and it's instances. Its Main target verticals are Retail , Logistics , Foods and Beverages  
**Role** Senior Test Engineer  
**Solution Environment** Rest API, Swagger, Json, Amazon AWS , Selenium , C#, NAV

**Title** ITAPS (International Trade and Payment System)  
**Customer** Standard Bank of South Africa , South Africa  
**Period** Dec 12 – Feb 2015  
**Description** Eximbills Enterprise – J2EE Version  
An integrated system that automates and audits the complete cycle of trade finance and payment transactions, in real time and in accordance with SWIFT and UCP standards. This allows for a rapid yet comprehensive installation, especially for implementations running on a strict time scale.  
**Role** Test Lead  
**Solution Environment** China System Eximbills Enterprise, Quality Centre, QTP 9.5, Load Runner (Vugen), Soap UI, Java , J2EE

**Title** SPIRIT , USA  
**Customer** SPIRIT Airlines (NK) , USA  
**Period** Since Mar 12 to Nov 12  
**Description** The purpose of this project is to introduce enhancements to the Manage Travel function of spirit.com for better customer experience. This allow customers to self-serve their flight changes and/or cancel their reservation online without a fee and fare difference when an Irregular Operation (IROP) and Spirit Airlines initiated schedule change and cancellation occurs. This will allow us to comply with the 24 hour cancellation Department of Transportation (DOT) ruling when our customers choose to cancel online. This will provide another avenue for customers to purchase the \$9 Fare Club membership online.  
**Role** Automation Team Lead  
**Solution Environment** QTP 11.0, Quality Centre 11.0, TFS , Test Complete

- Responsibilities**
- ✓ Preparing and maintaining the Test scripts and executing the prepared test scripts.
  - ✓ Designed the Linear Automation Framework in QTP and Maintaining the Framework.
  - ✓ Preparation of execution report and share the report with the Team Manager and Sending Execution Status Report to Client Manager.
  - ✓ Estimating the Effort for Preparation of test scripts and execution of test scripts.
  - ✓ Conducting POC for Mobile Apps Automation Using QTP and Test Complete

**Title** CIMB Thailand  
**Customer** CIMB , Malaysia  
**Period** Since May 11 to Feb 12  
**Description** CIMB Malaysia, implementing the core banking solution in Thailand and Singapore simultaneously. Major Core banking product such as CASA,LOANS,SDB,LIMITS and FACILITY , CREDIT CARD to be implemented in Thailand and Singapore and the server will be build in kualalumpur.

**Role** Automation Module Lead for GPS-Inward ,BDS, Limits and SDB (Client Site)

**Solution Environment** QTP 11.0, Quality Centre 11.0, EMS , Attachmate Extra , SIBS

- Responsibilities**
- ✓ Preparing and maintaining the Test scripts and executing the prepared test scripts.
  - ✓ Designed the Automation Framework for testing inward swift messages
  - ✓ Upgrade existing Keyword driven framework to automate AS400 application using TE-Add- in and Attachmate Extra.
  - ✓ Preparation of execution report and share the report with the Team Manager.
  - ✓ Meeting with Business analysis team and on-site execution team to clear the business related queries.

**Title** MSSB-Automation COE

**Customer** Morgan Stanley , USA

**Period** Nov 10 – Mar 11

**Description** Major function of Automation COE is to execute, maintain the Existing automation scripts. Developing new automation test scripts where ever there is a new change requirement. The Frame work used is BPT (business Process Testing). Team used business components developed by Business SMEs and build new test cases. There are various applications to be automated. Currently team is busy with execution of Web Option Ticket application

**Role** Automation Test Lead (off shore)

**Solution Environment** QTP 10.0, Quality Centre 10.0, Citrix

- Responsibilities**
- ✓ Preparing and maintaining the Test scripts and executing the existing test scripts.
  - ✓ Preparation of execution report and share the report with the on-site counterpart.
  - ✓ Monitoring the automation team at off shore
  - ✓ Giving training to Team member on QTP and QC.
  - ✓ Sending weekly status report to on-site lead.

**Title** ITAPS (International Trade and Payment System)

**Customer** SBSA , South Africa

**Period** Apr 09-Nov 10

**Description** Eximibills Enterprise – J2EE Version  
 An integrated system that automates and audits the complete cycle of trade finance and payment transactions, in real time and in accordance with SWIFT and UCP standards. This allows for a rapid yet comprehensive installation, especially for implementations running on a strict time scale.

**Role** Test Consultant (**Client Site**)

**Solution Environment** China System Eximibills Enterprise, Quality Centre, QTP 9.5, Load Runner (Vugen), Soap UI, Java , J2EE

**Title** TradPro

**Customer** UBAF , Singapore

**Period** Sep 08-Mar 09

**Description** TradPro System has been designed for operations related to Export Letters of Credit (L/C) advising, the amendments, checking of documents and payment of the corresponding document. These LC's comes through the three main channels i.e. document capture (Mails

/ telex), Swift Alliance messages, and printouts generated by BankTrade  
Scope of testing was only white box based, as I was involved in testing the API's of java .

**Role** Functional Tester (Off Shore)  
**Solution Environment** Documentum, Input Accel, Oracle , J2EE

**Title** Fidessa Testing and Support  
**Customer** Leading Investment Bank (offshore)  
**Period** Oct 07-Aug 08  
**Description** Fidessa trading platform is an integrated suite of functional applications developed by Royal Blue Inc., that manage and automate the front and mid-office business flows for sell side firms trading equities in the US, European, Japanese and Asian markets.

**Role** Off Site Support (Team Member)  
**Solution Environment** UNIX, Fix , Verifix

**Title** Fitness Functional Testing and Support  
**Customer** Goldman Sachs, Japan  
**Period** Apr 07-Sep 07  
**Description** Fitness is an open source script based white box functional testing tool.

**Role** Functional Tester (Off Shore)  
**Solution Environment** Fitness, Java API, Putty

**Title** My Home Equity  
**Customer** CITI REL, USA  
**Period** Mar 07-Apr 07  
**Description** MHE is meant for Loan Origination for a consumer (customer) by consumer itself.

**Role** Automation Tester (Off Shore)  
**Solution Environment** QTP 9.1, Test Director, ICA Web Client

**Title** CFI CORRESPONDENT  
**Customer** CITI REL, USA  
**Period** Feb 07-Mar 07  
**Description** CFI is a loan originations system (LOS). CFI is an application with the following components- LPM - Laser Pro Mortgage (LPM) is a loan-processing tool that helps in editing/updating, processing, underwriting and closing loans

**Role** Automation Tester (Off Shore)  
**Solution Environment** Win Runner, Test Director, ICA Web Client

**Title** CMI.COM (Servicing & Retail)  
**Customer** CITI REL, USA  
**Period** Nov 06-Feb 07  
**Description** Loan servicing comprises all of the processes and procedures in maintaining a loan from the time of its closing to the time it is paid off. The purpose of loan servicing is to ensure that mortgagors comply with the provisions of their Note and Deed of Trust/Mortgage. Adequate records and follow-up systems are maintained to help reduce risk.

**Role** Automation Tester (Off Shore)  
**Solution Environment** QTP, Test Director, Toad, ICA WebClient

**Title** CMI.COM (Citilink)  
**Customer** CITI REL, USA  
**Period** Oct 06-Nov 06  
**Description** Citilink is a mainframe application that provides information needed to service mortgage loans. It contains historical and current information about a customer's mortgage. Citilink is the name for what was formerly known as the Data Link System (DLS).

**Role** Automation Tester (Off Shore)  
**Solution Environment** QTP 8.2, Attachment Extra, Test Director