

# JAGATHI P GADE

A motivated, result-oriented technology leader with 15+ years of experience is seeking a technical leadership position. Demonstrated success in architecting, delivering, developing and maintaining software products and services in small to large teams in a variety of business verticals bringing in expert consulting and business partnership skills.

## Highlights

- Built a range of software products from insurance quoting and policy systems, to subscription based, big data conduit systems to enterprise frameworks to SaaS cloud based services, content marketplaces to Restful APIs for web and mobile applications.
- End to end software cycle, market readiness, rollout, post production, maintenance and phased enhancements of mission critical applications.
- Manage and lead large developments teams and small agile teams.
- Excellent articulation skills that facilitate translation of complex business needs into thoughtful technical architectures with implementable technical specifications and technical limitations into business alternatives.
- Proven excellence in analytical skills to see a business opportunity all the way through to a marketable software product and/or a service.
- Seasoned consulting skills with an average of 110% utilization trend and proven record of forging new and maintaining existing business partnerships internally and externally. Trusted advisor to clients, program managers and business development teams.
- Successful track record of swiftly adapting to newer and efficient technologies as well as changing corporate strategy or business market needs.
- Leadership by example aka close to code attitude.
- Wide experience in evangelizing best practices, setting software development standards, establishing processes around requirements, continuous integrations and devops.
- Good working knowledge in developing SOWs, business proposals, pre-sales technical and product consultation. Vast experience in risk identification, risk management and prioritization of tasks.
- SDLC, test-driven, waterfall and Agile methodologies
- Outsourcing – offshore and onsite management
- Excellent verbal and written communication skills. Authored several wikis (internal), admin guides, user guides, architectural flow diagrams, work flow models etc.,
- Recruiting, retention, mentoring and coaching

## Technical skills highlights

Java/JEE technologies, JavaScript, REST API with JSON, Spring, OAuth, LTI, Learn Management Systems, Single page applications - Backbone UI, Angular.js, Node.js, Batch/offline systems like Quartz, MQ, Maven, AWS, elastic search, Security frameworks (ESAPI), FERPA compliance, Kafka, elastic search, Mongo DB, OAuth, Zabbix, and Testing frameworks.

**Senior Architect (01/2012 - present)**

## **Blackboard Inc, Washington DC**

Technical solutions group is a small and elite team in Blackboard consulting division. As a senior architect, primary responsibilities include solidifying sales, building partnerships with large and small clients, develop and deploy software products on Blackboard platforms and to Blackboard cloud. It is a critical role, as it demands managing expectations of multiple stakeholders, reputation of Blackboard consulting, high standards, overall architecture, future proof design and hands on development.

### Accomplishments

- Currently leading high profile higher ed customer through Blackboard's transition from hosted solutions to SaaS model. Also working on developing a marketable product for sending real-time notifications to students on mobile apps.
- Handled several complex integrations between Blackboard platforms and large publishers like Cengage, Macmillan, IXL, Pearson, Wiley etc., via a major initiative called partner cloud.
- Lead the initial onboarding of team to a myriad of new technologies like Github, Stash, Jira, Mongo DB, Mac OSX, Single page apps using Backbone, Jenkins etc as part of partner cloud initiative.
- Deal-procurement technical consultation on pre sales and sales endeavors that resulted in long term and short-term business partnerships exceeding \$1.5M. Ensured compliance with budgets, deadlines, define contracts and SOW's in a trusted advisor capacity to program director.
- Drove the security and performance testing efforts of content driven cloud integrations.
- Successfully delivered several high performing, high traffic building blocks (JEE web applications on Blackboard Learn platform) with Restful APIs for K12 inc competency based learning, Strayer University's student dashboard applications.
- Successfully formed and drove teams, defined, designed, tested and validated end-user and technical requirements through Agile processes for over 20 projects across multiple Learn Management Systems (Learn, Joule, ANGEL) for both domestic and international content partners.
- Worked cohesively with various teams and departments spaced out geographically, developed excellent professional relations internally across various divisions of Blackboard including product development, marketing, sales, and business development as well as externally with client partners.
- Instrumental in process maturation endeavors that stabilized the usage of open source tools like JIRA, Bamboo, Sonatype and other Agile technologies.
- Lead and delivered integrations of content providers like SAS, CK12 and Discover on Blackboard MOOC platform called Xplor.
- SME on grade delivery mechanisms between large complex systems and LMS involving secure transfer of hundreds of thousands of grades per day via Partner cloud.
- Go-to person for hiring, interviewing, training and mentoring.

### **Frameworks architect (2009-2011)**

#### **Enterprise Frameworks and Architecture, ATPCO, Dulles, VA**

Frameworks team is a small team of highly talented personnel, more like a thought leader to the entire IT department, which conceives and develops pluggable software components reducing repetition, hours and effort on application development teams.

### Accomplishments

- Technical thought leadership and technical consultation for identifying frame-workable components for various high budget development projects across the company. Setting a direction, enforcing of standards and right usage of enterprise frameworks resulted in significant reduction of repeated developments costs.
- Architect, Design, Develop enterprise wide JEE frameworks and SAAS business components like offline job frameworks, validation frameworks, directory frameworks etc.,
- Exposure to enterprise architectural governance.
- Design and Develop extensive JSTL tag libraries, JavaScript libraries, grid and menu widget frameworks and several other front-end components.
- Document user guides, design model narratives, develop UML models, consumer views that aid in consumption of frameworks by application development teams.
- Work order prioritization, estimates and budget planning, scoping of releases.
- Assess technologies and build proof of concepts
- Lead brown bag sessions, transition meetings, enterprise wide communication of periodic and ad-hoc releases.
- Recruiting and interviewing developers

### **Application development Manager (2007-2009)**

#### **Application development, ATPCO, Dulles, VA**

Fares is a complex business system that involves uploading of fares data from carriers into the system, process the data and transmit to subscribers. The system was built using several technologies, but on a high level using struts 2.0, EJB 2.0, Spring, Hibernate deployed on Websphere running on Linux. As a tech lead, I was leading a team of 10 developers and accordion team of onsite and offshore contractors with hands on design and development.

#### Accomplishments

- Define and articulate business requirements into technical specifications, scope definition, tangible development task creation, allocation of resources, code reviews, enforce standards.
- Provide technical leadership, functional leadership and mentoring of resources, for in house and off shore resources.
- Hands on development for about 40% of time.
- Prepare WBS, provide high level and detailed effort estimates, develop testing strategies, develop version control strategies during dev, bug fixing and change management phases.
- Lead the effort of development of each iteration, build and deployment into progressive environments, smoke testing, handing over the application to QA.
- Manage the effective and efficient utilization of IT Development resources, the day-to-day activities of the programmers including designation of assignments and setting schedules.
- Partner with other teams like infrastructure, ESM, Data architecture, SW architecture, marketing, business, CM, networking for the successful development and implementation of the product.
- Lead the effort of warranty support postproduction and subsequent enhancement lifecycles.
- Manage change requests, release management and multiple iterations of project
- Mentor resources transitioning from mainframe to JEE technologies, performance reviews.

### **UI Technical lead (2005-2007)**

#### **Application development ATPCO, Dulles, VA**

#### Accomplishments

- Web component and GUI technical team lead through complete life cycle of the project.
- Articulate complex business requirements into tech requirements, plan and estimate the level of effort, assign the development task to appropriate resources

- Evaluating design trade offs for meeting usability, response-time, browser- compatibility, interaction richness, security and code maintainability objectives, while delivering a state of the art user interface that meets and exceeds customer productivity expectations
- Work closely with the business team to scope the requirements, define the screen specifications and screen flow of the application.
- Design, provide technical implementation solutions and consistent technical support, mentoring to the team. Developed complex javascript code to support rich interactive business requirements that could save development team's effort and time and that has been adopted enterprise wide as a framework.
- Evaluate different unit testing strategies for web components and create standards and guidelines
- Work with architecture team and lead the performance testing and enhancements effort on web tier
- Manage defect fixing and QA deployments

**Senior Developer (2003-2005)**  
**Airline Tariff Publishing Company (ATPCO), Dulles, VA**

Accomplishments

- Analysis of business requirements and develop object model, sequence diagrams
- Develop end to end components including web, EJB, data layers of the application using WSAD 5.0.1. and rich presentation layer using JSP, extensive Javascripting, Microsoft Active X grids, DHTML, AJAX, Tiles framework
- Pioneer on team for effectively integrating a VB script based product called vsflexGrid into j2ee world.
- Established build processes and streamlined consumption of libraries from multiple teams.
- Trouble shooting, Integration testing, Defect fixing, Defect Management, production support, interaction with customers all over the world during warranty period to support this high availability product.

**Module Manager (2001-2003)**  
**TCS / United Services Automobile Association (USAA), San Antonio, TX**

Accomplishments

- Lead a team of 15-20 fresh developers in building a range of insurance products with complex rating engine using C++ , JSP and integration with DB2 and CICS.
- Onsite development manager responsible for delivering the code, closely work with client manager to resolve issues.

**Education**

Certificate Program in Executive Leadership from eCornell University , 2015  
 MS in Electrical Engineering from Indian Institute of Technology (IIT M)  
 BS in Electrical Engineering from Nagarjuna University,

**Certifications**

ITIL V3 foundation certification Feb 2011

**Giving back to community**

Action center lead for Vibha DC chapter: Lead a team that raised close to \$12,000 in 2015 in DC metro.

Odyssey of the mind coach – Coach elementary school team in problem solving and fostering creative thinking.