SATYADEEP KUMAR

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# PROFESSIONAL SUMMARY

* Expert in web-based distributed applications in Java, PHP, Apache Web server, AngularJS, XML, UML, and Ant/Maven builds with data being hosted under Oracle/MySQL/MariaDB/MongoDB/ElasticSearch. Typically develop on Linux with Eclipse, and deploy servers on AWS, DigitalOcean, GoDaddy.
* Proficient in RIA development, particularly using HTML5 and JavaScript (jQuery, Ext JS, Bootstrap, AngularJS).
* Reviewed project plans with stakeholders.
* Staged spiral development process.

# EXPERIENCE

## (2012-Now) Independent Consultant

*Clients: Samsung India*, NE Mobile, Popup Technologies, OnCall Medicare Private Limited, TIFAC



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| **Oncall Medicare** is industry-leading HIPAA and PHI-compliant, cloud- based platform helping users obtain better, faster care.  I created API Layer using Spring boot and MongoDB hosted on AWS. | **JamaKharch** is a technology platform with a deep focus on individual financial awareness and education.  I created Web-Admin module using PHP7.0 and MongoDB with frontend using HTML5, Bootstrap 3.7 and SweetAlert. | **Aaspaas** is a social networking platform for neighbourhood communities with focus on civic, governance, social and community matters.  I worked as Database Architect on the project, analysed heterogeneous data, fixed document structure, created and maintained collections, indexes.  I also worked as migration specialist when the team decided to move search operations from MongoDB to Elastic Search is a single node cluster and  later to a 3 node cluster. |

  

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| **Autocar India**, the No. 1 auto magazine in the country, passionately and relentlessly brings you the hottest automotive news and the most comprehensive reviews, first!  I developed Web services for iPhone, Android and Windows platforms in PHP and wrote shell scripts to pull the data from their  .NET services 3 times  every day. | Designed and developed a solution to track and report the statistics of all demo phones given to **Samsung** Channel Partners, from a single location, using **VB.NET** and **SQL Server 2008**. | The **Re.D Studio** App shares the work, events, and resources of Re.D Studio, the research and development department at the American School of Bombay.  I created super admin module for adding / removing / editing content for iOS and Android Apps, and also created web services in PHP/SLIM to return ready to use data for use in App. |

## Edersoft Technologies, Hyderabad (2005 – 12) Project Lead

* Designed and developed a data transfer bridge for [Platinum Heart](http://www.ptheart.com/) to transfer real time data between two separate modules using **Shell scripts**, **POI** and **SQL Loader**.
* Handled billing/CDR generations for various Indian (BSNL/Reliance/Airtel West Zone) as well as International operators (KT/SKT/Starcomms etc) using **Oracle**/**MySQL**/**Vertica**.
* Administered commissioning of SMSCs for International SMS traffic for BSNL/Reliance over SMPP/HTTP.
* Advised company executives on key enterprise technology decisions.
* Participated in the design and architecture phases of projects as Technical Lead and Software Engineer.

## IMSI-PM, Gurgaon (2003-05) Senior Software Engineer

* Steered the migration of Backend from Oracle to MySQL thereby reducing the total running cost by 40%.
* Introduced JSTL in the system in order to avoid duplication of JDBC code and leading to flexibility in presentation layer.
* Gathered requirements from customers.
* Identified appropriate hardware stack; recommended 3rd party software products.
* Designed all components of the J2EE applications, and complementary database schema.
* Assigned coding modules to appropriate team members; supervised their progress for about 50% of the time.

## Infosoft Technologies, New Delhi (2001-03) Software Developer

* Created an intranet application in order to help the system administrators monitor entire system graphically; this helped in cutting down their workload by 10%.
* Refined requirements; resolved customer concerns.
* Served as the organization’s focal point for Java technology and helped several groups identify opportunities to use Java's portability to provide quicker, more efficient, and less expensive technology solutions.

# SKILL SET

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| **Languages** | **Frameworks** | **Databases** | **NoSQL** | **Graph Database** |

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| **Search** | **Caching** | **RIA** | **Modelling Language** | **Dependency Management** |

**EDUCATION**

* + MCA from Sikkim Manipal University.