An astute leader performs well in software engineering and design. Adept at managing all phases of project life cycle, from needs assessment through implementation. Diverse background covers engineering, user experience, innovation, development, quality assurance, customer support, project management, documentation, and packaging and delivery.

Focus on implementing data mining and machine learning systems that solve real business problems. Expertize in statistical and linguistic methods for data mining, machine learning, natural language processing, information extraction and classification.

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| CORE COMPETENCIES |

**Software Development (SDLC – Waterfall / Agile / Crystal ball /Kanban/Extreme)**

**Strong Leadership and Management Skills.**

**Product and Strategic Planning.**

**Best Practices by Technology Introduction & operational technology development.**

**Human Performance, Coaching and Mentoring.**

**Continuous Organizational Improvement.**

**Broad Technology Base (Web ⁄ Embedded ⁄ Enterprise, etc.)**

**Advanced Business Analytics, Data mining and Predictive modeling.**

**Text mining, Natural language processing, Machine Learning & Algorithms.**

**Simulation & Advanced Optimization techniques for Revenue management in Business unit.**

**Visualization in Tableau, SAS Eminer Predictive modeling, R, Python, NumPy, SciPy, Scikit, Anaconda, Big data , Hadoop, HDFS,Map Reduce, Pig, Hive, Mondo DB,ME XL , Solver.**

**Java/J2EE, spring, Hibernate, OSGI, JBoss, Apache Karaf, Zookeeper, Spark, Storm, MapR, Web services, Oracle, SQL, Times Ten Data base,** **RDBMS (Postgres) , etc.**

**Design Patterns, Data structure and algorithms.**

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| EDUCATION |

***Indian School of Business, Program in Business & Analytics*** *– 2015 -16*

***Sathyabhama University****,* ***Masters in Computers science****, 8.2 GPA -* ***University******Topper****.*

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| HIGHLIGHTS |

**Top performer, influential Senior IT Executive, and thought leader with superior business acumen, interpersonal skills, and technical expertise to align people, processes, and technology in support of strategic objectives for medium to very large organizations.**

### Accomplished Software Engineer, Technical Lead, and Software ⁄ System Architect

* Designed and Architect the in-memory session management for 4G/LTE, now it is flying successfully on real production environment in major telecom companies.
* Worked as a Technical Liaison in Telcordia (Bell Labs) - New Jersey, United States.
* Red Had JBoss Technical Account Manager (TAM) for the Ericsson R & D.
* Innovatively designed and developed an automation job by reducing 75% of manual or developer work.
* Won Best Designer, Developer & prodigy engineer award for the year 2011, 2012, 2013&2014.

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| PROFESSIONAL SUMMARY |

* Working as **a Sub System Architect** in Ericsson Research and Development.
* Leading an Engineering team with cross functional aspects which involves **talent development**, **product** **design** and **development** with high quality deliverables.
* Focusing on the analysis and implementation with **Ericsson Expert Analytics division**.
* Applied Machine Learning algorithms in social media network and performed opinion mining and sentiment analysis.
* Worked for a **BigTapp Consulting** –Singapore on a capstone project with ISB.
* Hand on experience in Machine learning algorithms of **Supervised learning - k-nearest neighbor ,Decision Trees , Support vector machines, Random Forests, Association mining ,Bayesian networks, Naive Bayes classifiers, Ensembles of classifiers - Bootstrap aggregating (bagging) and Boosting (meta-algorithm) and Unsupervised Learning - Principle component analysis , Fisher's Linear Discriminant analysis, K-means algorithm ,Neural network, Fuzzy clustering, Markov Chains, Hidden Markov Models, PageRank algorithm, Hubs and Authorities algorithm**, etc.
* **Top drawer** **statistical methodologies** skills - normal distribution, central limit theorem, confidence interval, Hypothesis tests, Comparison of population, Analysis Of variance (ANOVA) and non-parameter statistics.
* Hands on experience in **Advanced Statistical methodologies** with regression modelslike **Linear Regression ,Logistic Regression, Multiple Linear regression, Ordinary Least square method, ,Binary and multinomial logistic regressions ,Poisson regression ,Zero-inflated Poisson regression, Negative Binomial regression.**
* Executed **Survival analysis-** on **Kaplan-Meier estimate** of survival function and **Cox proportional hazards model** techniques in R programming.
* Proficiency on **Big Data, Hadoop, Map Reduce, Pig, Hive, Mondo dB, Python, R, SAS E-Miner**.
* Performed **Data Collection** & **Data Visualization** for the project “**Best Place to do Business**” - with hands on experience in Tableau.
* Effective Problem solving skills on **Simulation** techniques like **Monte Carlo simulation** for random sampling, decision making and build models in **R Programming**.
* Good Experience on solving Advanced Optimization techniques which involves **Linear Programming (LP)** and **Integer Linear programming**, LP- Duality and Optimality, Network Optimization, Modeling Binary variable and combinatorial Optimization.
* Good competencies on **customer analytics** for new product development, **Financial Analytics and Fore casting Analytics** (**Time Series, Predictive Performance, Regression based forecasting, Auto correlation, AR models, Random Regressors and Moment-Based Estimation**).
* Proven Experience of having built **concurrent**, **scalable**, **high** **available** products/applications on Java along with other innovative technologies.
* Strong experience on **Core Java** and **Data Structure & Algorithms.**
* Top-drawer development experience using **Java** for **Object oriented Design and programming**, designed and developed **High-Altitude Concurrent** applications.
* Top quality architecture and development skills using latest technologies **including OSGI Framework, Apache Karaf, Infinispan, MemCache for distributed memory management, spring, Hibernate, EJB, RMI, JNI, Servlets** and in-depth knowledge of **J2EE**.
* Excellent knowledge on **Internals of JVM**, **and memory leak Identification** in large scaled applications and performance tuning using the tools  **JProfiler**, **Visual VM**, **JConsole**, IBM health center, **Yourkit** and **Jmap, Hprof Utility**
* Comprehensive knowledge of **XML Parsers -DOM, SAX, JDOM, StAX, XPath, DOM4J, XSL, XSLT, SOAP, Apache REST Web services**.
* First-class experience in UI design for both web and rich client applications   
  [**HTML**](http://www.w3.org/MarkUp/)**/**[**DOM**](http://www.w3.org/DOM/)**,**[**JQuery**](http://jquery.com/)**, JQGrid,** [**Google Web Toolkit**](http://code.google.com/webtoolkit/) **(GWT),Vaadin, UML,**[**Spring MVC**](http://springframework.org/)**, Struts, Java AWT/Swing, and Eclipse plug-in development with SWT/JFACE**.
* Strong knowledge in databases like **Oracle 10 g, SQL, My-SQL, Oracle Times Ten In-Memory Database 11g**, SLDB proprietary database [considered to be the fastest database in the telecoms domain].
* Thoroughly experienced in configuration/deployment of applications servers such as **JBoss 4.0/ 5.x** and **Apache Tomcat 5.5**.
* Very Good Working knowledge on Code repository & Build tools – **GIT, Gerrit, Tortoise SVN, CVS, Maven, Ivy**.
* Hands on Experience in multiple Operating Systems - **Windows**, **Linux**, **Ubuntu.**
* Good Domain knowledge on **Telecom**, **Health care (Patent based)** and **Finance**.
* Excellent **communication**, **effective** **presentation** and **interpersonal** skills
* Excellent **analytical** and **creative problem solving skills**, both individually and as a member of a team.
* **International development experience** and collaboratively worked with folks around the globe.

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| PROFESSIONAL EXPERIENCE |

***Ericsson - Research & Development - Sub* System Architect *(May 2011 – Present)***

System Expert / Product Owner in Ericsson R&D Development unit. Lead an engineering team of 12 members for a new product development. Producing functional and technical business use cases and defining road map for the future R&D applications / Products.

***Virtusa -* Thomson Reuters, US. Consultant *- Technology (April 2010 – April 2011)***

*Consultant and Developer for* Thomson Scientific and Healthcare product which would provide a unified e-commerce platform (authentication, authorization, transaction processing) for tier one applications (e.g. Thomson IP, End Note Web).

Bahwan Cybertek - Module Lead / Software Engineer (December 2007 – April 2010)

Module Lead for Business Process Management System is a J2EE based software production and Web enabled ERP solution for midsized organization in Oman, Muscat.

Student Intern - Fidelity Investment (October 2007 to December 2007).