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A programmer and a leader having skills and experience in **data engineering,** analysis and design of **technical solutions**, and **pre-sales** consulting.

Having 11.5 years of experience in J2EE, of which 5 years has been in design and architecture roles.

Technical Skills

* *Languages*: Java, JavaScript, **Python**, **Pandas**, Numpy and PLSQL
* *Frameworks*: **Scikit-learn**, **Spring**, MVC / MVVM, JPA, Lucene / SOLR, OSGI, Akka, JAX-RS
* *DB / Servers*: **MongoDB**, Oracle, Postgres, MySQL, **JBoss**, Weblogic, Apache, Tomcat
* *Others*: JMS, **ActiveMQ**, Git, SVN, Docker / Vagrant, **Web Services**, Enterprise Architect, Visio.

**Domains:** B2B, Insurance, Travel, Logistics, CRM, Asset Management

Recent Projects

***Prediction for Student Intervention*** *(Udacity, November 2015 – present)*

* Analyzed problem domain and selected data for modeling the solution.
* Pre-processed data and prepared analysis models for prediction.
* Tuned best prediction model for performance and accuracy to 87%.

***B2B Logistics Portal Upgrade*** *(Nagarro, October 2015 – December 2015)*

* Consult with a bulk shipping provider’s IT Team on cargo shipping and tracking system.
* Analyze legacy code, and understand evolving business and technical needs.
* Propose technical / commercial plan for a flexible and easy-to-maintain system, that will reduce costs by 35%.

***Crew Meals Management*** *(Nagarro, September 2014 to November 2015)*

* Analyze existing system for management of Crew Meals.
* Consult with Business Admins and Technical teams to understand requirements.
* Design the new system / integration points and provides cost estimates.
* Work with development team during implementation and delivery.
* Tuned performance to handle a load of 20 Threads-per-second with a response of under-350 milli-secs.

***Trade Automation*** *(Sapient, September 2012 – August 2014)*

* Design framework for Automation of Fixed Income trades.
* Lead development team to deliver and tune automation parameters.
* Integrate with trading desks, and integrate with FX systems.

Work Experience

***Nagarro India*** *(September 2014 – present)*

* Work with development teams in proof-of-concepts, implementation, and delivery.
* Assist pre-sales team with technical solutions and estimations
* Code critical components, and do code and design reviews.

Work Experience (contd.)

***Sapient Consulting*** *(September 2012 – August 2014)*

* Provide technical leadership to Fixed Income platform development team comprising of 9 engineers.
* Contribute individually, review effort estimates, and prepare release schedule for various tracks.
* Improve performance and maintenance by application of better algorithms and data structures.
* Responsible for performance review and compensation distribution for development engineers.

***Infogain India*** *(October 2008 – August 2012)*

* Technical Architect for Enterprise Integration and offshore development lead for a team of 6 engineers.
* Managed two J2EE integration agile project cycles for Auto-Insurance IT provider.
* Responsible for scrum, design artifacts, development plan, estimation, performance tuning, resource allocation, reporting and hiring.

***CoreObjects (Symphony)*** *(October 2007 – September 2008)*

* Lead engineer for a team of 3 engineers.
* Responsible for technology selection, requirement analyses, design, development, and code review.
* Co-ordination with geographically dispersed teams for Zubican - a US-based startup.

***CSC India*** *(March 2006 – September 2007)*

* Development engineer on Infrastructure team responsible for development of reusable J2EE components.
* Delivered enterprise integration framework for healthcare product and highly concurrent system for healthcare product of DST Healthcare Solutions.

***Infogain India*** *(January 2004 – March 2006)*

* Developer for Imaging and Printing Group (Hewlett Packard) to provide integration solutions for CRM.
* Develop new J2EE distributed applications and port / refactoring / tune performance of existing applications.

Education

***Udacity*** – Machine Learning Nano Degree (in-progress)

***Coursera*** – Machine Learning - Stanford Univ. (July, 2015)

***MongoDB Univ.*** – MongoDB for DBAs (September 2015)

***Aligarh Muslim Univ.*** – Master of Computer Science and Applications (76%, July 2004)

***Aligarh Muslim Univ.*** – Bachelor of Physics (Honors) (66%, July 2001)

Honors and Certifications

* Employee of the Month (Nagarro, 2015)
* Award for relationship building. (Sapient, 2013)
* Most Valuable Player, Mitchell International, US (Infogain, 2010)
* Best Employee at CoreObjects (2008), and Infogain (2004)
* LOMA 280 certified (2007)
* Scrum Alliance certified Scrum Master (Scrum Alliance, Pete Deemer, 2011)