
Profile

Experienced Application Developer with a demonstrated history of working in the financial services and software development industry. Skilled in Java 8, Spring Boot , Hibernate and Algorithms , looking for job opportunities as a *Software developer/Data Scientist*.

Education

- **Purdue University** West Lafayette, Indiana
Master of Business Analytic and Information Management Jan. 2021 – Present
- **Birla Institute of Technology and Science** Pilani, India
Bachelor of Information Systems July. 2011 – May. 2015

Professional Experience

- **GoScale** Bengaluru, India
Senior Software Engineer (Senior Back-end Developer) May 2020 - Dec 2020
 - **Java, Spring:** Implemented the Back-end business layers leveraging Spring, web services and Java EE components operating Spring MVC and Spring IOC.
 - **Amazon Elasticsearch Service:** Managed open source Elasticsearch APIs, managed Kibana, integration with Logstash and other AWS services, and built-in alerting and SQL querying for getting data for dashboard.
- **CITI** Pune , India
Senior Software Engineer (Manager) Jan 2019 - May 2020
 - **Chronicle Queue:** Designed Trading platform incorporating Chronicle Queue focusing on a persisted low-latency messaging framework for high performance and critical applications.
 - **Spring Boot Framework and Hibernate:** Devised API's utilising Spring Boot is a Spring framework module, providing RAD (Rapid Application Development) feature to Spring framework.
 - **Docker:** Deployed and Containerized application on Docker platform as a service products operating at OS-level virtualization to deliver software in packages.
- **CITI** Pune, India
Software Engineer (Assistant Manager) July 2015 - Dec 2018
 - **Direct Market Access platform:** Built micro-services systems architecture utilizing Java, J2EE, JDBC and Spring Hibernate. Used Apache Maven for project management.
 - **REST web service integration:** Documented programming logic and actions and Collaborated with testing team to ensure all requirements are met and validated prior to production implementation.

Publications/Projects

- **Thesis/Research Publications::** GA with Repeated Crossover for Rectifying Optimization Problems, Published in Spinger EAI/Springer Innovations in Communication and Computing(indexed in ISI Proceedings, SCOPUS, Google Scholar and Springerlink) (Aug– Dec 2014), Optimal Release Time For Software Systems, accepted in ICACCS Conference (IEEE Digital Library) (Feb-May 2019), Comparing the effort estimated by different models accepted in ICACCS Conference (IEEE Digital Library) (Mar-July 2019).
- **Machine Learning:** Predicted the Box Office Collection of a Movie over its lifetime - Incorporated Support Vector Regression techniques, Predicted the House Price Over the years, Predicted Health Insurance Cross Sell implementing Classification techniques, Predicted Used Car Prices implementing XGBoost
- **Java Projects:** Improvement of Scan conversion of line with Multi-symmetry (Aug 2014), Developed Authentication system for global mobility networks (Nov 2013- May 2014)

Programming Skills

- **Programming Languages:** Java, Python, C, C++
- **Technologies:** AWS, Spring / Spring boot, Kafka, ElasticSearch
- **Expertise:** DataStructures, Core Java, Python Scripting ,Spring / Spring boot, Kafka