

Professional Summary

- An experienced Full Stack Java Developer with 5+ years of experience in implementation and design of large-scale enterprise applications.
- Rest based web services development using Spring Boot and Jersey.
- Exposure to NoSQL databases such as Apache Cassandra and MongoDB.
- Expertise in developing fully responsive websites using Angular and Bootstrap.
- Build pipeline using Jenkins / Docker for Continuous Integration and Continuous Delivery.
- Strong proficiency in Data Structures and Algorithms.
- Experience in Multithreading and applying Design Patterns.
- Good code review, problem solving and debugging skills with a constant desire to explore and learn new technologies, including more efficient methods to any problems.

Technical Profile

- **Languages:** Java, TypeScript, Javascript, C
- **Rest Frameworks:** Jersey, Spring Boot
- **UI Frameworks:** AngularJS, Angular, Bootstrap, PrimeNG, RxJS
- **Databases:** Cassandra, MongoDB
- **Tools and Technologies:** Docker, Jenkins, Apache Kafka, Spring Security, Cloud Foundry, Git, Github, Maven, Sonar
- **Protocols:** HTTP, REST, Web Socket, SMPP
- **Testing Tools:** TestNG, JUnit, JMockit, Mockito, JMeter, JVisualVM

Work Experience

Full Stack Java Developer Yatra Online, Gurgaon	Nov 2017 to Present
Java Developer GlobalLogic, Noida	Nov 2016 to Oct 2017
Java Developer Aricent, Gurgaon	Oct 2014 to Oct 2016
Trainee Aricent, Gurgaon	Jan 2014 to Jun 2014

Educational Qualification

Master in Computer Application Jawaharlal Nehru University, New Delhi	2011 to 2014
Bachelor of Science (Mathematics) Deendayal Upadhyay Gorakhpur University, Gorakhpur	2008 to 2011

Projects

Project: My Bookings @ Yatra

Description: This project includes the complete my booking section of yatra.com where a user can view his bookings details, cancel / reschedule bookings, print / view / SMS / email tickets etc.

Responsibilities

- Optimized bookings list API response time by parallel hits for each products data and introduced Redis to cache the response.
- Created Online flow for deactivating yatra user profile and implemented both frontend and backend.
- Developed UI for GST CRUD operations in My Profile Section and other UI bugs / enhancements on day to day basis.

Project: SME / Franchisee Admin Console @ Yatra

Description: This Admin console enables SME / Franchisee admins to bulk create / manage their employees account, download all booking reports, add prepaid balance in their cash pool etc.

Responsibilities

- Developed complete backend REST micro service to expose APIs including employee data upload using excel, download / email reports, payment service integration for cash pool.
- Developed fully responsive frontend application in angular and integrated with backend providing smooth user experience.

Project: Multi Mediation @ GlobalLogic

Description: Multi Mediation is an end-to-end, convergent, multi-purpose platform that collects, formats and distributes accurate network data for all OSS/BSS-related mediation. It is able to handle the massive data loads generated by today's complex services and multi-vendor networks, letting you manage all services, payment methods and network access protocols through one single solution.

Responsibilities

- Developed SMPP collector and distributor (External Short Messaging Entity) for sending and receiving messages over SMPP protocol.
- Developed SMPP server (Short Message Service Center) which receives messages from SMPP distributor and delivers it to SMPP collector.
- Developed http distributor which sends data over http protocol.

Project: Javelin, Virtual Data Room (VDR) and Mergers and Acquisitions (M&A) platform @ GlobalLogic

Description: Javelin is a common platform which provides functionalities to store / retrieve contents in secured file rooms. It manages users and their access to the contents of different file rooms. It also provides faster search by extracting and indexing texts from the contents.

Responsibilities

- Developed Api Gateway service to provide single point access to platform.
- Created common library to include common configurations and filters required in a web service.
- Created common security library based on JWT based authorization and authentication to secure all the rest communication among different web applications.

Project: Avril, Unified Messaging and Voicemail Solution @ Aricent

Description: Avril is a unified messaging and voicemail solution that provides users with flexible message access options. It lets users access and manage messages from an email inbox, web browser, Cisco Spark, Cisco Unified IP Phone or smart phone.

Responsibilities

- Developed a web application to provide IVR based options to the caller like record message, deliver message, discard message etc.
- Developed a web application to deliver the voicemail to users' email address.
- Defined Cassandra database schemas to maintain call sessions, registered users' details etc.
- Developed a phone simulator tool for load and E2E testing of our web services.
- Implemented data pipeline using Apache Kafka to broadcast messages among web applications.
- Unit, Component, Integration and Stress testing of applications using TestNG, JMockit and JMeter.
- Demonstrated user story to client at the end of every sprint.

Open Source Contributions

- A multi-threaded JWT password cracker application <https://github.com/hemantsonu20/jwt-cracker>
- A micro services architecture with gateway <https://github.com/hemantsonu20/api-gateway-sample>
- A SIP Uri Parser written using Antlr <https://github.com/hemantsonu20/sip-parser-antlr>
- A cricket score updater via popup <https://github.com/hemantsonu20/cric-score-updater>
- Contributed to repository <https://github.com/tropo/tropo-webapi-java>

Achievements

- **Integrated Team Award Q1 2017** GlobalLogic
- **Individual Excellence Award 2016** Aricent
- **Team Excellence Award 2015, 2016** Aricent
- **Culture of Good Code Gold & Silver Awards** Aricent July 2016, Feb 2016, Nov 2015, May 2015.
- Achieved rank 10 in Java on <http://www.techgig.com>