

Suman Chatterjee

SENIOR SOFTWARE ENGINEER – Data Structures & Algorithms, Java, Springboot, Microservices, Angular, JavaScript, PCF

5+ years pioneering **Application development**. Expertise in **designing, deploying** and maintaining large Java web apps & microservices.

Proven success in aligning business goals, service delivery and technology capabilities by architecting, deploying & managing mission-critical projects and infrastructure solutions.

Mentored technical team and **manage** features to achieve business objectives and drive innovation.

Implemented agile best practices for new products while directing the development process from conception through design, build, release, analysis, and iteration.


Proven success in improving application throughput from 15 TPS to 30 TPS in a month.

Champion culture of good security, coding standards, architecture patterns, resiliency, and documentation practices. Leverages professional ethics, exceptional planning skills and liaising abilities to a fast paced growth oriented environment; capable to work as individual as well as in group.

Work Experience

 **May 2024 – Present | OpenText, Hyderabad, India | Sr Software Engineer**

- Designed, developed, maintained and deployed high-performance, scalable and secure Microservices using Java, Spring Boot. Developed and enhanced Frontend with Angular framework.
- Actively participated in all aspects of the software development lifecycle including refinement of requirements, estimation and planning, platform design and implementation
- Mentored teams (2-4 members) to understand requirements, sprint planning, execution, and retrospective along with delivering new functionalities that meets business requirements.
- Implemented repository creation, connection with git-server using **JGIT**. Understanding of various git commands and with its JGIT version of it. Call Agents to run pipelines of CI.
- Diligently code reviews and ensure code quality and best practices before merging PRs.
- Implantation of asynchronous calls to delete, commit and update of atoms and branches.
- Provided support to troubleshoot and debug production issues.
- Collaborated with DevOps to craft/update Jenkins pipeline and employ **Blue Green and shadow deployment** in production to reduce night activities during deployment.
- Utilized extensive knowledge of Unit testing and Integration testing to ensure high quality, functional software solutions are delivered to clients.
- Learned and implemented cross-cutting function using **Aspect-Oriented Programming**.

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 [LinkedIn](#)

 [Github](#)

CORE COMPETENCIES

- Senior Software Engineer
- Microservices Architecture and Restful APIs
- System Design & Application Development
- Application Resiliency and Security
- Application Testing & Debugging
- Test Driven Development (TDD)
- Agile Methodology
- Deployment & Delivery Management
- Quick Learner and Solution Oriented
- Creative & Analytical Thinking
- Proficient in DS & Algorithms

TECHNICAL Skills

- ✓ **Backend**
Java 11 & 8, Spring MVC, Spring Boot, Spring Security, Apache Shiro, JPA/Hibernate.
- ✓ **Cloud**
Pivotal PCF, Spring Cloud.
- Frontend**
- ✓ JavaScript(Es6) and Angular 8+.
- Databases**
- ✓ MySQL, Redis, Maria DB and Postgress.
- Tools**
- ✓ GIT (GitHub), CICD tools (Jenkins GitLab CI), Maven and Kafka.
- Design Patterns**
- ✓ MVC, Microservices.
- Software Methodologies**
- ✓ Agile (Scrum)
- Domain**
- ✓ Banking System, Finance and Insurance and Content management systems.

ACADEMIC DETAILS

- ✓ **2016**
B. Tech – ECE(90%) from West Bengal University of Technology.
- ✓ **2012**
High School 10+2 (78%) – from WBCHSE

Highlights

- Formulate, design and develop creative software solutions based on business requirements and application roadmap in alignment with architectural direction and standards.
- Eliminated recurring issues and improved overall operational stability of software applications with automation.
- Used **PCF (Pivotal Cloud Foundry) to deploy services** in DEV, UAT and PROD space.
- Helped in reducing the duplication of code by designing frameworks and annotation for integrating cross-cutting and fault-tolerance mechanism using **AOP**.
- Carried out **DEV, SIT, UAT environment Setup**.

Project:

Pulse-uno! An ultimate everyday app by OpenText for repository maintenance. Provides complete power to maintain, strategize your code enabled with continuous integration(CI). Multiple integrations inclusive of value-edge, git-server, report generation are available.

Description: PulseUno was earlier a monolith application. Migrated the application to latest tech stack based on microservices and used SpringBoot, PCF, Spring Security, Redis, Kafka, Kong API Gateway and Angular.

Aug 2021 – April 2024 | DBS, Hyderabad, India | Sr. Software Engineer

- Designed, developed, maintained and deployed high-performance, scalable and secure Microservices using Java, Spring Boot. Developed and enhanced internal Admin tool using Javascript, Angular framework.
- Actively participated in all aspects of the software development lifecycle including refinement of requirements, estimation and planning, platform design and implementation
- Worked with DevOps team to create CI/CD.
- Documented the developed software and test run it before handing it over and maintained timelines of delivery.

Highlights

- Worked on **Java, Spring, Spring Security, Angular, JavaScript, Spring-Boot frameworks**.
- **Mentored a team of 4** people to understand requirements, sprint planning, execution, and delivering of requirements on time.
- **Adept** at working in agile development environments and collaborating with cross-functional teams to deliver high quality software solutions on time.
- Implemented payment integration projects like **paynow, e-gifts**, fraud detection calls, overseas payments and designed Fault-Tolerant framework for DBS payment App PayLah.
- Owner of three domains Payment, wallet and egifts.
- Relevant experience in requirement gathering, giving HLEs/T-Shirts sizing.

May 2018 – July 2021 | HTC Global Services, Hyderabad, India | Software Engineer

- Developed software solutions by studying information needs, conferring with users/clients, studying systems flow, data usage, and work processes; investigated problem areas and followed the software development lifecycle.
- Worked with DevOps team to create CI/CD.
- Documented the developed software and test run it before handing it over and maintained timelines of delivery.
- Kept myself up to date on the latest technologies and solutions, validate the software developed and debug codes.

Highlights

- Worked on Java, Spring, Spring Security, Angular, JavaScript, Spring-Boot frameworks.
- Migration of an existing desktop application (written in Angular JS) to Hybrid Application using Angular8 and ionic framework with the help of apache Cordova plugins.
- Integrated google maps using apache cordova.