


# Avinash Tingre

Software Engineer with 5.7 years of experience implementing large back-end systems. Passionate about innovation, efficiency, and automation. Recognized for team work and technical capability.

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<https://tingreavinash.github.io> 

## EXPERIENCE

### Opus Consulting Solutions

*Pune, MH*

#### Senior Software Engineer

*Feb 2022 - Present*

- Received **Spot Award** twice for outstanding quality of work, including developing and maintaining secure application modules using SonarQube/Sonar-Lint for improved code quality and security compliance.
- Created an **Audit Logging framework** using Java and Spring Boot to intercept every API request in microservices, improving tracking and enhancing security.
- As an individual contributor, developed and maintained the **Click-To-Pay** feature for Mastercard using Java, Spring Boot, and Redis. This involved integrating multiple microservices and implementing a caching mechanism for improved performance.
- Streamlined the **PCI-SSF** features in the application, including Data Encryption and Data Masking, according to user permissions using Java, Spring Boot, and Hibernate. This resulted in improved security compliance.
- Implemented an **Event Logging framework** using Java and Spring Boot to raise events for important user actions in all microservices. This improved application monitoring and resulted in a 50% reduction in time taken to identify and resolve issues.
- Created BPMN models using **Camunda Zeebe modeler** to improve process efficiency and reduce development time.

### Cerence

*Pune, MH*

#### Software Engineer

*May 2021 – Feb 2022*

- Constructed efficient **data extraction utility** to parse JSON documents and store data in spreadsheets, improving data analysis capabilities.
- Collaborated with **cross-functional teams** to ensure seamless integration of NLPS with other systems.
- Developed features in the Natural Language Processing Server (**NLPS**) following an Agile Scrum process.

### Amdocs

*Pune, MH*

#### Software Developer

*Oct 2017 - Feb 2021*

- Received **Spot Award** for exceptional performance in completing critical tasks.
- Developed high-performance **web service** using Spring Boot and Hibernate to transmit data between in-house and DNS management applications.
- Implemented **automated deployment** tasks on Linux using Ansible and shell scripts, resulting in a 50% reduction in deployment time and a 30% reduction in deployment errors.
- Developed **Hotfix Search App** that enables software engineers to easily search and retrieve relevant hotfixes. Built using Java, Apache POI and ReactJS. The application features a user-friendly interface, advanced search functionalities, improving productivity.
- Developed **Leave Management System** to streamline leave request and approval process for employees. Features include self-service dashboard for employees, manager dashboard for approval/rejection and auto-approval system for certain types of leave.

## SKILLS

**Programming Languages:** Java, SQL, HTML, CSS, JavaScript, ReactJS

**Java Frameworks:** Spring Boot, Spring Cloud, Spring Security, Spring AOP, JPA

**Cloud and DevOps Technologies:** AWS, PCF, Git, Docker, Kubernetes, Micro-services

**Software Development Tools and Other:** JUnit, Mockito, Redis, ActiveMQ, Wiremock, Splunk, Data Structures, Shell Scripting, Camunda Platform, Eclipse Vert.x

## EDUCATION

### Bachelor of Engineering in Computer Science

Savitribai Phule Pune University – 2017