

# Anand Uperpelli

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## WORK EXPERIENCE

### Web Digital Services

Dec 2023 – Dec 2024

Associate Software Developer

- Developed and deployed a full-stack web application using Spring Boot, Angular, and REST APIs.
- Optimized Oracle database architecture and implemented JWT authentication for enhanced security.
- Collaborated with stakeholders to refine UI/UX, ensuring a seamless user experience.
- Provided post-deployment support to ensure system reliability and user satisfaction.

### Fiserv Pvt Ltd

Feb 2022 – Dec 2023

Sr Associate, Software Development Engineering

- Led the development and integration of two major projects—Point of Sale Portal and Point of Sale Admin Portal—ensuring seamless operation and interconnectivity.
- Migrated the Point of Sale Admin Portal to Spring Boot & Angular 10+, including encryption/decryption functionality, ensuring data security and system efficiency.
- Provided critical support using Tomcat and Wild-Fly in Release & Integration Testing, collaborating with Business Analysts and Technical teams to enhance software reliability.
- Designed and optimized PL/SQL procedures, database packages, and query performance, achieving 40% improvement in system response times.
- Unit testing was performed using Junit and Mockito and validated APIs using Swagger, ensuring correctness, reliability, and performance, while also assisting with production deployment with Splunk monitoring during on-call support.
- Leveraged Jira's reporting capabilities to track project milestones and identify resource bottlenecks, resulting in 20% faster issue resolution.

### Epam Pvt Ltd

Jan 2020 – Jan 2022

Software Engineer

- Created API endpoints as the unified interface, integrating different services into single API calls for business needs.
- The project was deployed on AWS using AWS lambdas, ensuring that the code was executed correctly according to business logic by performing extensive tests with various types of data.
- Used AWS services (EC2, RDS, S3) for cloud infrastructure provisioning and deployment.
- Using Postman to test the code deployed on Amazon Web Services (AWS) and conducted integration tests to ensure API reliability and performance.
- Used MongoDB for the easy scalability of the database.
- Optimized web page performance by minimizing refreshes through the use of AJAX calls, enhancing user experience.
- Utilized Jira for comprehensive task monitoring, implementing sprint planning features and burndown charts that enhanced cross-team visibility and accountability.

## EDUCATION

### Colorado States of University, Fort Collins, CO

Master's in Computer Information Systems

Graduation Date: Dec 2024

### The University of Pune, India

Bachelor's in Computer Engineering

Graduation Date: May 2019

## PROJECT EXPERIENCE

### Quiz Management System

Jul 2024 – Nov 2022

Developed a comprehensive quiz management system using microservice architecture. The system allows users to create, publish, and attempt quizzes with automated scoring functionality.

### Data Transfer Using Lifi

Jul 2018 – May 2019

Pioneered a hardware-based data transmission system that utilizes light as a medium. Implemented real-time data processing achieving high-speed transfer rates.

### CWIT Admission System

Jul 2018 – May 2019

Built a comprehensive admission management system featuring automated course allocation, roll number generation, and student academic record management.

## SKILLS & INTERESTS

**Languages/Frameworks:** Java (Spring Boot, JPA), JavaScript, AJAX, SQL, HTML, CSS (Bootstrap), REST API, AngularJS, Spring, Maven, JWT, Junit, Mockito, Microservices, GitLab, Tailwind.

**Tools/Technologies:** Jira, Kafka, JDBI3, MS-SQL, Oracle, Git, Tomcat, WildFly, Splunk, Docker, Kubernetes, Swagger, Putty, WinSCP.