

# Anand Uperpelli

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## WORK EXPERIENCE

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### Web Digital Services

*Associate, Software Development*

*Dec 2023 - Dec 2024*

- Developed a full-stack web application from scratch, integrated third party APIs
- Designed and optimized database architecture ensuring efficient data storage, retrieval, and security with JWT-based authentication.

### Fiserv Pvt Ltd

*Sr. Software Engineer*

*Feb 2022 - Dec 2023*

- 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 a 40% improvement in system response times.
- Conducted unit testing using Junit and Mockito, and validated APIs using Swagger, ensuring correctness, reliability and performance, while also assisting in production deployment with Splunk monitoring during on-call support.

### Epam Pvt Ltd

*Software Engineer*

*Jun 2020 - Jan 2022*

- Created API endpoints as the unified interface, integrating different services into single API calls for business needs.
- Deployed the project on AWS using AWS lambdas, ensuring the code executed correctly according to business logic by performing extensive testing with various types of data.
- Utilized AWS services (EC2, RDS, S3) for cloud infrastructure provisioning and deployment.
- Utilized Postman for testing the deployed code on Amazon Web Services (AWS) and conducted integration testing 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.

## EDUCATION

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### 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

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### Quiz Management System

*Jul 2024 - Nov 2022*

- Developed a comprehensive quiz management system using micro service 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 utilizing light as the medium. Implemented real-time data processing achieving high-speed transfer rates.

### CWIT Admission System

*Jul 2024 - Nov 202*

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

## SKILLS & INTERESTS

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**Skills:** Java (Spring boot, JPA), JavaScript, Ajax, SQL, HTML, CSS (Bootstrap), REST API, AngularJs, AWS-EC2, Spring, Maven, JSON Web Token (JWT), Junit, Mockito, Microservices, GitLab, Kafka, JDBI3, MS-SQL, Oracle, Git, Tomcat, WildFly, Splunk, Docker, Kubernetes, Swagger, Putty, WinScp.