

Anand Uperpelli

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Professional Summary

- Adept and pragmatic backend software developer with around 5+years of experience in Java backend development.
- Committed to maintaining the best coding standards and using the latest trends to drive project delivery.
- Also have a good knowledge of the SOLID Principle, KISS Principle, DRY Principle and Design Patterns.
- Eager to collaborate on front-end technologies and catch on to technology architecture to broaden my technical skillsets.
- Understanding knowledge of AngularJS, HTML, CSS, Bootstrap, jQuery.
- Experienced in Continuous Integration and Continuous Delivery tools.
- Experienced in branching, merging, and version control ensuring seamless collaboration and stability across application versions.
- Experienced in writing efficient SQL queries to extract specific information from large datasets, ensuring data integrity and performance.
- Expert in web application server like Tomcat and WildFly.
- Adept at creating and refining intricate PL/SQL functions, packages, and procedures. Has knowledge of execution strategies, query optimization, and cross-platform SQL application for MySQL, Oracle, and MS-SQL databases.
- Proficiency in creating RESTful APIs for smooth database communication and connecting Oracle databases with Java apps utilizing JDBC, JDBI3 and JPA.
- Collaborated with cross-functional teams, following Agile methodologies (Scrum/Kanban) for iterative development.
- Participated in code reviews, ensuring adherence to best practices and coding standards.
- Experienced in designing and implementing scalable, distributed systems processing millions of events daily.

Skills

Programming Languages: Java, Python, JavaScript, jQuery, Ajax, SQL, HTML, CSS, Bootstrap.

Technologies: J2EE Framework, UI Framework, Web Development, REST, AngularJs, API, JSON, AWS EC2, Spring boot, JPA, Hibernate, JDBI3, Spring, Maven, JSON Web Token (JWT), Junit, Mockito, Microservices, Cloud Computing, Kafka.

Databases: MySQL, MS-SQL, Oracle.

Tools: AWS (Amazon Web Services), Visual Studio Code, Eclipse, Git, STS, IntelliJ, Tomcat, WildFly, Postman, Splunk, Docker, Kubernetes, Swagger, Toad, MySql, Continuous Integration Continuous Delivery (CI/CD), Putty, WinScp, GitLab.

Operating Systems: Microsoft, Linux, Ubuntu, AIX.

Workflow: Agile Methodologies.

Soft Skills: Problem-solving, Team-oriented, Communication, Multitasking, Flexible, Adaptive, Collaboration, Detail-oriented, Leadership, End-to-End Delivery.

Professional Experience

Fiserv Pvt Ltd, Sr. Software Engineer

Feb 2022 - Dec 2023

- Led the development and implementation of two major projects, the Point of Sale Portal and the Point of Sale Admin Portal, ensuring their interconnectivity and seamless operation.
- Provided critical assistance and support to the Business Analyst and Technical team in Release and Integration testing, alongside offering general test support to ensure software reliability and performance.
- Engineered workflows and actions essential for the successful migration of the Point of Sale Admin Portal from an outdated framework to a new, more efficient framework like Spring boot and Angular 10+.
- Successfully migrated encryption and decryption functionality from old framework to new framework, maintaining core functionality while seamlessly integrating with the existing codebase, ensuring data security and operational continuity.
- Made significant contributions to both functional and technical aspects of software application design, including requirement gathering/analysis, mapping/gapping, solution design, application setup, and ensuring thorough testing and robust post-implementation support.
- Played a key role in supporting the production deployment and handling on-call duties to address and resolve issues promptly, ensuring high availability and performance.
- Conducted comprehensive unit testing on the APIs developed, ensuring their correctness, reliability, and performance in line with project requirements.
- PL-SQL stored procedures and functions were developed and improved, and database packages were effectively handled to improve application performance and guarantee seamless data processing across several modules.
- Optimized database queries and implemented caching strategies, improving system response times by 40%.
- Nominated as Debutant Excellence for the work completed within the joining of 6 months.

Epmam Pvt Ltd, Software Engineer	Jan 2020 - Jan 2022
1. Client Onboarding (July 2020 – Jan 2022)	
<ul style="list-style-type: none"> 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. 	
2. RD-Portal (Feb 2020 - Jun 2020)	
<ul style="list-style-type: none"> Designed and implemented a portal for managing RD engineers, enabling users to access and visualize data through graphs, charts, and real-time reports. Generated visual representations of data to provide an overview, with the option for users to export data into Excel for detailed analysis. Optimized web page performance by minimizing refreshes through the use of AJAX calls, enhancing user experience. Provided a tabular data representation, allowing users to view data directly on the platform without the need to download comprehensive files. Implemented a feature for uploading data via Excel into the application, facilitating easy data entry and storage in the database. 	

Education

Master’s in Computer Information Systems	Aug 2023 - Dec 2024
Colorado States of University, Fort Collins, CO	
Relevant Coursework: Application Software Infrastructure, Software Development Methodology, IT Communications Infrastructure, Project Management: Information Technology, Object-Oriented Systems, E-Business Application Technology, Cybersecurity, Information Assurance and Security, AI/ML Product Management, Agile Management and Product Development	
Certificates: TESTOUT CYBERDEFENSE PRO Certificate.	
Bachelor’s in Computer Engineering	Jul 2016 - May 2019
The University of Pune, India (First Class with Distinction) GPA – 3.32/4	
Related Coursework: Data Structures and Algorithm, Object-Oriented Programming and Design, Machine Learning, Artificial Intelligence, Database Management Systems, Design and Analysis of Algorithms, Data Mining, UML.	
Certificates: ZENSAR TECHNOLOGIES Internship (ESD Training) Certificate.	
Diploma in Computer Engineering	Jul 2013 - May 2016
Cusrow Wadia Institute of Technology Pune, India (First Class with Distinction) GPA – 3/4	
Related Coursework: Programming fundamentals, Data Structures, Object-Oriented Programming, Database Management Systems, Computer Networks, Java Programming, Object Oriented Programming & Design, Software Engineering, Unix System Administration	

Projects

Quiz Management System	Jul 2024 – Dec 2024
Developed a comprehensive quiz management system using microservice architecture. The system allows users to create, publish, and attempt quizzes with automated scoring functionality.	
Pizzo	Jan 2024 – May 2024
Developed a Java-based kiosk application for pizza shops with multi-user support including Chef, Admin, and Customer interfaces.	
Data Transfer Using Li-Fi i.e. Light	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 2018 – May 2019
Built a comprehensive admission management system featuring automated course allocation, roll number generation, and student academic record management.	

Publication

<ul style="list-style-type: none"> Title: A Novel Approach for Reliable High Speed Data Transmission Technique Using Light Fidelity (LiFi). Name of Journal: International Journal of Applied and Pure Mathematics - 2018. Volume: Volume 118 No. 24c. 	
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