

Manoj Kumar

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PROFESSIONAL EXPERIENCE

- FIS Global** Pune, Maharashtra
Software Development Engineer (Fintech) Sep 2021 - Present
 - ACBS Commercial Loan servicing:** Designed, developed, and tested RESTful APIs for modules including Customer, Facility, Loan, and Bundle in Java and Spring.
 - Implemented Swagger UI to streamline API documentation, minimizing production time by nearly 78%.
 - Reduced 80% effort on regression testing for QA team by creating unit and integration tests in JUnit and Mockito.
 - Contributed to REST endpoint designs by gathering client requirements and defining request-response schema.
 - Leveraged Azure DevOps and GitHub CI/CD pipelines for code versioning and consistent release management.
 - Participated in Scrum meetings, followed Agile methodologies, and incorporated test-driven development practices.
- Aapna Infotech** Gurgaon, Haryana
Associate Software Engineer June 2020 - Sep 2021
 - Developed back-end services for customized landing page web/desktop application in Java, Spring and ReactJS.
 - Restricted unauthorized access to REST APIs by implementing JSON Web Token (JWT).
 - Acquired 100+ new clients on the application and boosted quarterly revenue by 4.5%.
 - Managed deployment on AWS EC2 using Docker and maintained docker files for staging process.
 - Boosted server response time by 40% by monitoring slow running queries using SQL profiling and code optimization.
- AlgoComputing Softwares** Gurgaon, Haryana
Software Engineer Feb 2019 - March 2020
 - Implemented an invoicing management system for 30K+ merchants in collaboration with peers on our B2B platform.
 - Redesigned invoice and pdf object models in Java and created bulk file upload feature in JavaScript
 - Achieved a 50% performance increase by ingesting large datasets into MSSQL using Kafka and optimizing SQL queries.
 - Developed a Django dashboard with chart.js for data visualization and streamlined email notifications using Python.

PROJECTS

- Bookhive** [G](#) | *Java, Spring Boot, NoSQL, OAuth, HTML, CSS*:- A scalable online library platform with Github authorization which enable users to login, track their favorite books, and monitor their reading habits.
- Travel Map** [G](#) | *NodeJS, ReactJS, Mapbox API, MongoDB*:- Developed and implemented a 3D map application using Mapbox API for seamless exploration and interactive marking of travel destinations.
- Snappy chat app** [G](#) | *Socket.io, NodeJS, ReactJS, MongoDB*:- Created a real-time chat system using WebSocket technology that enables efficient communication over a single TCP connection.

SKILLS

- Languages:** Java, Python, JavaScript
- Frameworks:** Spring Boot, Hibernate, JPA, ReactJS, NodeJS
- Technologies:** Git, REST, JSON, Maven, Docker, AWS, MySQL, Jenkins (basics)
- Miscellaneous:** Microservices, Low-Level Design, High Level Design, pandas, NumPy, Linux

ACHIEVEMENTS AND RESPONSIBILITY

- Selected in top 100 finalists at [FIS InnovateIN48](#) internal innovation coding contest (2021/2022).
- Received SPOT award at FIS Global for implementing Kafka streaming in a research based project.
- Responsible for scheduling brainstorming and knowledge sharing events for new team members.
- Leetcode profile: leetcode.com/makumar

ADDITIONAL COURSES

- Data Structures, Algorithm and System Design from Scaler Academy 2022 - 2023
- Scaler: Manoj@scaler: Solved 350+ problems on DSA. Well versed with OOPS concept and Design patterns.
- Good understanding of Computer fundamentals, Operating System, Computer Networks, DBMS, and SQL.

EDUCATION

- Netaji Subhas University of Technology West Campus** Delhi, India
Bachelor of Technology in Information Technology Aug 2011 - May 2015