PREM KUMAR SINHA

Pune, Maharashtra

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Technical Skills

Languages: JAVA, SQL, Javascript, Typescript, HTML, CSS, Python, C, C++
IDE: Eclipse, IntelliJ, STS, VS Code
Frameworks: Spring, Spring boot, Angular, Hibernate
Tools: Postman, Jira, Git, Swagger, Sonar Lint, Jenkins

Experience

Maveric Systems   November 2023 – Present
SDE1 (Software Developer)   *Pune, Maharashtra*

- Conceived and deployed a microservices-based platform using Angular, Java, and MySQL to analyze employee resumes, extracting critical data such as skills, education, and work experience.
- Designed a sophisticated solution for identifying and matching talent within the company, driving a 35% boost in employee engagement through strategic skill assessments, mentorship pairings, and endorsements.
- Reduced resource allocation and employee search time by 40%, significantly enhancing project management efficiency. Streamlined the endorsement process through automation, enabling faster and more efficient skill recognition and validation
- Automated extraction of skills, education, and experience, ensuring accurate tracking and validation of employee capabilities. Enhanced skill identification and validation processes to ensure accurate tracking and effective resource allocation.
- Automated CI/CD pipelines using Jenkins for seamless deployment, ensuring code quality, integration, and efficient rollout of updates.
- Configured and implemented SSL certificate security, ensuring secure communication between microservices and protecting sensitive data.
- Enforced HTTPS across all services to prevent data breaches and mitigate security risks.

Wipro   October 2019 – July 2022
Project Engineer   *Pune, Maharashtra*

- Developed and maintained backend services for DirecTV, supporting live TV, DVR, and on-demand content across multiple regions.
- Built a Cart Microservice, enabling shopping cart functionalities such as product addition, updates, and deletion for an e-commerce system.
- Designed and optimized RESTful APIs, improving database interactions and performance.
- Structured database schemas and tables, ensuring scalability and efficiency.
- Created unit test cases with JUnit, achieving 90% test coverage and improving code reliability.
- Documented APIs using Swagger, enhancing clarity, standardization, and developer usability.
- Conducted API testing with Postman, identifying and resolving performance bottlenecks for a 20% improvement in response times.
- Utilized JIRA for issue tracking and sprint management, reducing task completion time by 15%.

Projects

Quiz App / *Java, Springboot*   **August 2023**

- Designed and implemented RESTful APIs for managing quizzes and questions, enabling functionalities such as creating quizzes, fetching questions by category, and submitting quiz responses with score calculation.
- Developed a dynamic quiz management system, allowing users to generate quizzes based on category, retrieve quiz questions, and store user responses efficiently in a relational database.
- Optimized backend performance by structuring database schemas efficiently, implementing proper request handling, and ensuring smooth data retrieval and processing for quizzes and questions.

Education

Amrita School of Arts and Sciences, Kochi   June 2016 – August 2019
Bachelor of Computer Applications   *Kochi, Kerala*