Prem Kumar Sinha

Pune, Maharashtra

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| 9074847993 | [premksinha98@gmail](mailto:x@gmail.com) | [linkedin.com/in/prem-kumar](https://www.linkedin.com/in/prem-kumar-sinha-092144290/) |  | [github.com/premkumarsinha](https://github.com/premkumarsinha) |
| 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**  *SDE1 (Software Developer)* |  |  |  | **November 2023 – Present**  *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.

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| **Wipro**  *Project Engineer* |  |  |  | **October 2019 – July 2022**  *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*