Shivam Senior Software Engineer

+91-7721991175 | Linkedin | shvmprasad2@gmail.com

SKILLS

- **Programming Languages** : Java, Python, Javascript, MySQL, PostgreSQL, MongoDB
- **Libraries and Frameworks** : Spring Boot
- **Tools** : AWS

EXPERIENCE

Software Development Engineer (Backend)   Aug 2023 - Present

Ikorp consulting pvt ltd

- Developed RESTful APIs using Spring Boot and Hibernate, achieving a 30% increase in data retrieval speed for seamless frontend-database interaction.
- Designed a scalable database and application architecture, enhancing system reliability and improving performance metrics significantly.
- Led backend development initiatives, establishing coding standards that improved code maintainability by 25% across the team.
- Implemented robust security features with Spring Security, reducing unauthorized access incidents by 40% and enhancing user trust.
- Configured API throttling and caching in AWS API Gateway, optimizing performance and reducing abuse by 50%.
- Developed a notification service with Kafka and SendGrid, successfully processing over 10,000 emails monthly, improving user engagement.
- Enhanced CI/CD pipeline efficiency with GitHub Actions and Kubernetes, reducing deployment time by 35% and accelerating release cycles.

Senior Software Engineer   Mar 2021 - Jul 2023

Doodleblue Innovations

- Owned the application as the primary developer.
- Designed a solution to retrieve data from third-party S3 buckets (AWS) and upload it to client S3 buckets.
- Transferred downloaded data to other servers using SFTP protocol, ensuring data consistency and managing data streaming up to 100 GB.
- Contributed to the design of the backend architecture for billing systems.
- Integrated the payment gateway system to enhance transaction processing.
- Developed REST APIs to support the frontend system.
- Contributed to the development of the CI/CD pipeline to streamline deployment processes.

Technical Consultant   Nov 2019 - Jun 2020

Ohum Healthcare Solution

- Engineered an Electronic Health Records (EHR) system, improving patient data accessibility for over 10,000 users and enhancing care efficiency by 20%.
- Designed and implemented robust APIs for billing and outpatient department (OPD) modules, streamlining processes and reducing transaction times by 30%.
- Analyzed requirements from the product team to deliver JAVA EE and MirthMumps solutions, increasing system functionality and user satisfaction by 25%.

Robotics Engineer   Nov 2018 - Jun 2019

Sirena Technologies Pvt Ltd

- Engineered PID sensor algorithms for self-balancing robots, boosting stability and responsiveness by 30%, which significantly enhanced user experience.
- Designed and implemented interfaces to connect IoT devices to cloud platforms, improving data transmission efficiency by 25% and accelerating data processing.
- Optimized system performance through rigorous testing and debugging, reducing latency by 15% and increasing overall reliability.
- Collaborated with cross-functional teams to integrate user feedback, resulting in a 20% increase in user satisfaction ratings.

EDUCATION

Scaler   2025

Specialized in Software Development & Problem Solving

MS

G H Raisoni Institute of Engineering and Technology, Nagpur   2018

BE/B.Tech/BS | 69%