Shivam Sharma

📞 +91 9462963805 — ✉ shivam0sharma85@gmail.com — in shivam0sharma85 — ⌂ shivam-sharma1 — 💼 Portfolio

Summary — Experienced in designing, developing, and maintaining high-performance software systems using modern technologies and agile methodologies. Proven track record in delivering scalable solutions and collaborating effectively in cross-functional teams. Strong analytical and problem-solving skills, with a focus on innovation and quality-driven results.

Skills

Databases	MySQL, PostgreSQL, MongoDB, DynamoDB	**Backend**	NodeJS, SpringBoot
Cloud	AWS	**Architecture**	RESTful, Serverless Application Model (SAM), Microservices
Languages	Python, JavaScript, Java		
Frontend	ReactJS, Angular		

Experience

Mercedes-Benz Research and Development India April 2023 – Present
Full Stack Engineer (Technical Consultant)

Project : User Access Management (UAM)

– Collaborated with the team to implement role-based access control in UAM, designing APIs in Spring Boot to handle dynamic user roles and privileges, ensuring seamless integration with dependent applications.
– Optimized the Guard API Gateway by identifying bottlenecks in authentication processes, implementing token-based authentication, and reducing request processing time by 15%.
– Developed Liquibase migration scripts for PostgreSQL to support new application features, including dynamic privilege assignments, ensuring zero downtime during database updates.
– Worked on distributed caching strategies using Hazelcast, enabling faster access to frequently used user and role data, resulting in a 20% improvement in application response times.

Project: iTrans (Translation management application)

– Participated in low-level and high-level architectural design discussions, driving quality, scalability, and engineering excellence for complex applications.
– Designed and implemented high-performance, scalable RESTful APIs using Node.js within a Microservices Architecture, ensuring seamless integration and responsiveness.
– Leveraged AWS SAM (Serverless Application Model) to define, build, and deploy serverless applications, enhancing scalability and reducing deployment times.
– Utilized a variety of databases to handle relational and JSON-based storage requirements effectively.
– Developed and maintained CI/CD pipelines with tools such as GitHub Actions, automating build, test, and deployment processes to ensure consistent delivery and quality assurance.
– Optimized database performance through indexing and query tuning techniques
– Enabled cross-functional collaboration between development and product teams, ensuring clear alignment with business requirements and project timelines.

alphastream.ai Feb 2022 – April 2023
Member of Technical Staff 1

– Implemented 50+ user-centric UI features, including context menus, navigation enhancements, hooks, and annotation tools, elevating user experience and engagement.
– Engineered responsive, functional components leveraging ReactJS concepts, ensuring high performance and seamless scalability for web application UIs.
– Architected and optimized frontend structures, with a focus on grid systems, collaborating closely with team members to establish robust and maintainable UI architectures.
– Maintained and enhanced the Gateway module of a data extraction pipeline, integrating advanced functionalities such as metadata modification, secure SFTP operations, and RESTful API interactions.
– Designed, developed, and deployed a full-stack text summarizer, applying end-to-end development principles to deliver a high-impact, production-ready solution.

Education

Jaypee University Of Engineering and Technology GPA : 7.2
Bachelor of Technology in Computer Science and Engineering

Certifications

– AWS - Certified Cloud Practitioner