

SHIVAM GUPTA

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Technical Skills

Backend Development: Node.js, Express.js, Java, Spring Boot, Hibernate, TypeScript, C++

Frontend Development: React.js, Redux, Next.js, Sass/SCSS, Bootstrap, jQuery, HTML, CSS, JavaScript, Material-UI

Data Management: MySQL, MongoDB, Redis Cache, RabbitMQ, RDBMS, Firebase, SQLite, Kafka, CosmosDB

DevOps/Tools: Git, Docker, AWS S3, Kubernetes, Jenkins, CI/CD Processes, Version Control, Serverless

Miscellaneous: Object-Oriented Programming (OOP), RESTful APIs, JWT, NestJS, Agile, Design Patterns and Design Principles, Python, System Design, Data Structures and Algorithms, Linux, AJAX, Security, Scrum, WebSockets, GraphQL, Service Workers, Figma, Elasticsearch,, Event-Driven Solutions, Databases, Dependency Injection, OAuth, E2E Testing, gRPC

Summary

Tech enthusiast with over **2+ years of experience in full-stack software development**, strong background in software design, architecture, and the software development life cycle. **Solved over 800+ DSA problems**, optimizing code, and improving efficiency. Achieved **AIR under 1200 in national-level examination NIMCET** and **university ranked 1 on GeeksforGeeks**.

Work Experience/Projects

InsuranceDekho

January 2022 – Present

Software Development Engineer

Gurugram, India

Lead Management Service | *Performance Optimization, Performance Testing, Schedulers, Deployment*

- Orchestrated collaboration among 5 diverse teams to align project outcomes with business goals, resulting in a **20% improvement in overall project delivery timelines** and quality.
- Used New Relic to monitor and track API latency, implementing optimization strategies that **reduced latency by 30%**, resulting in faster response times.
- Resolved slow queries using Graylog, improving **query performance by 20%**, leading to quicker data retrieval.
- Performed regular monitoring and performance tuning, resulting in a **20% reduction in system downtimes** and a **20%** increase in overall reliability.
- Improved the scalability of the lead management system, allowing it to handle **15% more data volume** and user load without compromising performance.
- **Technologies:** Node.js, Express.js, MySQL, MongoDB, Docker, PHP, Redis, Yii Framework.

Partner Ranking and Lead Broadcasting Service | *Distributed Systems, Microservices, Security, Deployment*

- Played a pivotal role in **introducing the 'Fusion' of B2C and B2B business** at InsuranceDekho.
- Engineered an automated lead broadcasting system ranking partners on curated parameters; **reduced manual intervention by 60%**, ensuring scalability and **enhancing partner engagement by 25%** through communication.
- **Improved lead distribution efficiency by 30%** through the automated ranking and broadcasting system.
- Significantly reduced response time to leads, leading to a **20% increase in successful lead conversions**.
- **Technologies:** Java, Spring Boot, Hibernate, MySQL, Rate-Limiter, Redis, Asynchronous in-memory cache, Cron.

Personal Projects/Awards & Achievements

FaceMesh: Social Network | *React, Redux, MongoDB and Node.js*

May 2021 - Nov 2021

- Ensured **scalability to support 10k+ simultaneous users**, ensuring a smooth experience even during peak usage times.
- Implemented **real-time messaging using Socket.IO**, demonstrating proficiency in integrating real-time features into applications.
- Implemented security measures such as authentication and authorization, protecting user data and ensuring a secure environment using **JWT authentication**.

Education

University School of Information, Communication and Technology, G.G.S.I.P.U.

Aug 2020 – Sep 2022

Master of Computer Applications - Software Engineering | 8.80 / 10

Dwarka, New Delhi