Shivang Saxena

A technology-agnostic Senior Back-End Engineer with extensive experience in end-to-end software development, agile methodologies, and technical leadership. Proven track record in improving system performance, scalability, and reliability. Skilled in Golang, Node.js, React, and cloud platforms.

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Experience

MOOL ｜ Software Development Engineer III
Dec 2022 – Present
- → Working on mool.ai, which generates financial research-based documents using RAG.
- → Led a team of engineers, conducting code reviews and technical discussions.
- → Revamped backend infrastructure to enhance performance, scalability, and security.
- → Implemented features such as AI voice chat, account aggregator, user subscriptions, feed, and growth mutual funds for mool app.

DEQODE LABS ｜ Research & Development Engineer
Mar 2021 – Nov 2022
- → Designed scalable architectures supporting large data sizes and high availability.
- → Led full-stack development teams, adapting open-source tools for product use cases.

APPOINTY INC ｜ Software Engineer
Oct 2020 – Mar 2021
- → Developed MatterSuite, a cloud-based legal lawsuit management software using microservice architecture.

Product Developer Intern
Feb 2020 – Sep 2020
- → Worked on Domain-Driven Design (DDD) and Microservices Architecture.
- → Utilized gRPC, protobuf, Golang, Rest API, PostgreSQL, and microservices.

Projects

SIMPLYNFT ｜ Next.js & NestJS, Firebase, Rarible SDK, Google Task
Developed a blockchain-based online store with complex data processing and UI features.

SPIKING ｜ Next.js & NestJS, Clickhouse, Redis, PostgreSQL, Kafka, Apache Airflow
Created real-time blockchain transaction analytics application.
- → Defined and designed architecture to handle and process terabytes of data.
- → Implemented complex graphs & charts rendering data like OHLC & time series.

ALFRED ｜ Go, Node.js, Next.js, Terraform
Developed an open-source microservice boilerplate to simplify and automate web app deployment on any cloud server.

MATTERSUITE ｜ Go, React, gRPC, protobuf, microservices, Cadence
Managed comprehensive matter details including court hearings, case descriptions, oppositions, and legal discovery.
- → Designed & maintained the backend structure of MatterSuite.
- → Developed several microservices.

Skills

PROGRAMMING
- Go • C++ • JavaScript
- SQL • HTML & CSS • Solidity

LIBRARIES/FRAMEWORKS
- Node.js (NestJS) • React (Next.js) • gRPC • protobuf • GraphQL • Firebase • PostgreSQL • Redis • Uber Cadence • MUI

TOOLS/PLATFORMS
- Git • Linux • GCP • Docker • Kafka • Kubernetes • Terraform • Jenkins

Societies

- Winner at Smart India Hackathon (2019) at IIT BHU.
- Core team member of Google Developer Students Club at LNCT Bhopal.

Coursework

Oct 2019 - Mar 2021
- Trained in Data Structures, Algorithms, and System Design at Scaler Academy.

Profiles

GitHub: **saxenashivang**
HackerRank: **shivangsaxena**
Scaler: **shivang-saxena**

Education

BE (CSE) ｜ LNCT Bhopal
2017 – 2020 | CGPA: 7.86

DIPLOMA (CSE) ｜ Govt. Polytechnic Mahoba
2013 – 2016 | Percentage: 74.04