

Suraj Gupta

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EXPERIENCE

SAFETYCONNECT | FULL STACK ENGINEER / TECH LEAD

Mar 2023 – Current | Remote

- Architected and built a customizable dashboard that lets customers create and visualize safety data in real time, improving reporting and personalized insights per customer.
- Refactored Node.js microservices and tuned database indexes, cutting AWS spend by 30 % and shrinking the median API latency from 400 ms to 250 ms.
- Implemented an automated translation pipeline to improve accessibility for global users.
- Led and mentored a 6-person engineering squad; introduced CI/CD, structured code reviews, and sprint rituals that lowered escaped defects.
- Engineered a configurable form builder module and optimized the underlying workflow engine, driving the delivery of the company's new process safety solution.

LST CONSULTANCY | FULL STACK ENGINEER

Sep 2021 – Feb 2023 | Nashik, India

- Independently worked on and completed multiple projects for enterprise clients such as Lexis Nexis.
- Designed and built *TaskSprint*, a project-management SaaS with Kanban boards, real-time collaboration and time-tracking features.
- Integrated Stripe billing and built a product-usage analytics dashboard that informed pricing decisions and reduced churn by 20%.
- Developed an application to automate extraction, processing and dynamic creation of text, Word, Excel and PDF files.

FREELANCE | FRONTEND DEVELOPER

Jun 2020 - Jul 2021 | Nashik, India

- Built responsive single-page websites for clients
- Implemented modern CSS techniques and animations
- Created SEO optimized and accessible websites

PROJECTS

NPM PACKAGE | SEQUELIZE WITH SPATIALITE

- Added spatialite support to Sequelize ORM to use with SQLite, enabling advanced geospatial queries and operations in Node.js applications.
- Link: [Sequelize with Spatialite](#)

CHROME EXTENSION | DISABLE AUTOGAIN CONTROL

- Chrome Extension for disabling auto-gain control in web audio streams for Linux in google meet.
- Link: [Disable Autogain](#)

EDUCATION

SAVITRIBAI PHULE PUNE UNIVERSITY

MASTERS IN MATHEMATICS

June 2023 - Oct 2025

CGPA: 7.5 / 10

BACHELORS IN COMPUTER SCIENCE

June 2018 - June 2021

Marks: 80%

SKILLS

PROGRAMMING

5+ years:

Typescript • Python

1+ years:

PHP • C/C++

TECHNOLOGY

React • Next.js • Node.js

Express.js • Tailwind CSS • Vite

Redis • Postgres

Git/Github • AWS • Linux

COURSEWORK

GRADUATE

Applications and implementations of mathematics in cryptography

Pure/Applied Mathematics

Machine Learning

UNDERGRADUATE

Data structures and Algorithms

Operating Systems

Programming and Compilers

Linear Algebra

INTERESTS

Leadership • Trekking • Meditation •

Reading • Smiling :)