

Suraj B M

Fullstack Web Developer and Systems Engineer

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Summary

Proficient fullstack web developer with a strong background in cryptography and modern web development stacks including T3Stack and MERNStack. Experienced in building responsive UIs, secure applications with role-based authorization, and production infrastructure involving CI/CD pipelines, reverse proxies, and database management.

Experience

TwoSpoon.ai

Software Development Intern

Bengaluru, IN
June 2025 – Present

- Developing a web-based infrastructure management platform for enterprise clients.
- Configuring production environments including databases, reverse proxies, and CI/CD pipelines.
- Building analytics and connectivity management systems.

TwoSpoon.ai

Summer Intern

Bengaluru, IN
July 2024

- Built a responsive fullstack website for a marketing agency.
- Implemented role-based authorization and secure database CRUD operations.
- Designed complex relational database structures.

Education

PES University

B.Tech in CSE (AI&ML)

2022 – Present
GPA: 7.3

Narayana PU College

PCMC

2022
95%

St. Francis de Sales Public School

Science

2020
97%

Projects

nexgen-portal

Next.js, MongoDB

- Built a participant check-in portal for NexGen 2.0 hackathon.
- Streamlined food coupon management and snack logging workflows.

rapport

Next.js, MySQL

- Developed an end-to-end encrypted messaging platform.
- Implemented ECDH, AES, and PBKDF2 encryption layers.

vroomify

Next.js, FastAPI

- Designed an ERP platform for automobile inventory and procurement management.

homelab

Bun, Podman

- Built a Raspberry Pi homelab hosting open-source services.
- Configured CI/CD pipelines and mapped services across multiple domains.

envy

Golang

- Created a CLI utility for environment variable management and export workflows.

docker-hadoop

Bash, Dockerfile

- Developed a minimal Docker image containing Hadoop, Pig, and Spark tooling.

Skills

Fullstack Development: Next.js, React, TypeScript, SQL, MongoDB

Systems Engineering: Load Balancing, Reverse Proxy, Server Setup, CI/CD

Programming Languages: C, C++, Java, Python, Go

Languages

English, Telugu, Kannada, Hindi, Spanish

Interests

Reading, Geopolitics, History, Gaming