Suraj B M

Fullstack Web Developer and Systems Engineer

⊙ Bengaluru, India
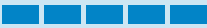
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Skills
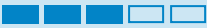
Fullstack Development

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Next.js, React, SQL, MongoDB, TypeScript

System Design

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Load balancing, Reverse proxy, Server setup, CI/CD

Programming Languages

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C, Java, Python, Go, C++
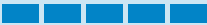
Interests

Reading

Fiction, History, Classical Literature, Contemporary, Geopolitics, Civics

Gaming

Minecraft, Terraria, Grand Theft Auto series, Metroidvania
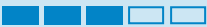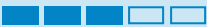
Languages

English

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Telugu

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Kannada

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Hindi

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I am a proficient fullstack web developer with a strong background in cryptography, leveraging modern web development stacks such as T3Stack and MERNStack. My experience encompasses building responsive UIs and developing secure applications utilizing role-based authorizations. I am also moderately experienced with setting up production environments and CI/CD builds.

Profiles

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Experience

TwoSpoon.ai	June 2025 - Present
Software Development Intern	Bengaluru, IN

Developing a web-based infrastructure management platform, complete with production environment setup, including databases, reverse proxy and CI/CD, to streamline connectivity and view analytics for enterprise clients.

TwoSpoon.ai	July 2024
Summer Intern	Bengaluru, IN

Demonstrated expertise in fullstack development by constructing a website for a meme-based marketing agency, focusing on a highly responsive UI and role-based authorization. Additional responsibilities included setting up database CRUD operations and developing complex table relationships.

Education

PES University	2022 - Present
CSE (AI&ML)	BTech
7.17 GPA	

Narayana PU College	2022
PCMC	PUC
95%	

St. Francis de Sales Public School	2020
Science	CISCE
97%	

Projects

nexgen-portal	Next.js, MongoDB

Created an innovative portal for **participant check-in** that streamlined the management of **food coupons** and improved the logging process for snacks during NexGen 2.0, a high-energy 24-hour hackathon.

rapport	Next.js, MySQL

Created an **end-to-end encrypted messaging app** securing messages using multiple encryption layers, including **ECDH**, **AES**, and **PBKDF2**.

vroomify	Next.js, FastAPI

Designed an innovative **enterprise resource planning** website for a fictional automobile company, enhancing order tracking, inventory management, and material procurement processes.

homelab	Bun, Podman

Built a homelab with a **Raspberry Pi** that has **CI/CD** setup for my projects, and has other **open source apps** hosted on it, mapped to three of my domains.

envy	Golang

A CLI tool to **manage and maintain various environments** for your projects, quick **enable and disable** environment variables, and **export** them.

docker-hadoop	bash, Dockerfile

Developed a **minified Docker image** based on Ubuntu, preloaded with essential **Big Data tools** including Hadoop, Pig, and Spark.