Suraj N Reddy

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www.github.com/surajnreddy02

Website – Suraj's Portfolio

▪ PROFILE

A **passionate and driven bachelor's in engineering student** specializing in **Information Science** at BMS College of Engineering with 3+ years of experience in **software development, full-stack development, database management, and AI/ML applications**. Successfully completed and led 5+ projects, including **award-winning AI-driven systems** and **real-time web applications**, demonstrating a strong command of **programming languages (Java, C++, Python, JavaScript), modern web technologies (React, Node.js, Next.js), and database systems (MongoDB, MySQL, PostgreSQL, Firebase, Supabase)**. Possess excellent **problem-solving skills, effective communication** in English, Kannada, Telugu, and Hindi, and the ability to **collaborate effectively in team environments**. Seeking opportunities in **software development, backend development, data management, or Full Stack development** roles.

▪ EDUCATION

B M S College of Engineering | Bengaluru, Karnataka, India   **Nov *2022 – 2026***
Bachelor's in engineering in Information Science

Vidya Jyothi PU College| Kolar, Karnataka, India   *2020 – 2022*
12th (PCMCs): *Percentage: 84.5%*

R L Jalappa Central School| Kolar, Karnataka, India   *2010 – 2020*
10th std: *Percentage: 85%*

▪ TECHNICAL SKILLS

Programming Languages: C++, Python, Java, JavaScript, TypeScript, Kotlin

Web Technologies: HTML5, CSS3, React.js, Next.js, Node.js, Express.js, Flask, Django, Tailwind CSS

Databases: MongoDB, MySQL, PostgreSQL, Firebase, NeonDB, Supabase

AI and Machine Learning: TensorFlow, Google Gemini AI, Computer Vision, Natural Language Processing
Development Tools and Vision Control: Git, GitHub, Docker, Vite, Webpack
Languages: English, Kannada (Fluent); Telugu, Hindi (Conversational)

▪ PROJECTS

- ### SwasthyaAI (Award Winner)

  Developed an AI-powered healthcare platform designed for rural communities, providing intelligent diagnostic tools and patient management, which won the MEDNXT Hackathon 2025. Built using React, Vite, Supabase, Google Gemini AI, and Tailwind CSS, the platform features AI-powered symptom checker, smart triage assistant, medical image diagnosis, patient queue management, and multilingual support. Successfully bridged healthcare gaps in rural areas while ensuring secure patient data management.

- ### Nothing Weather

  Created a futuristic, minimalist weather application providing real-time data, AI-powered summaries, and conversational weather insights using Next.js, Tailwind CSS, Genkit AI, OpenWeatherMap API, and Map-Tiler. Utilized Google's Genkit for structured LLM interactions and integrated dynamic map backgrounds for enhanced user experience.

- ### PocketLaw AI

  Built an AI-powered legal assistance platform featuring intelligent document generation, real-time chat support, and case management using Next.js, Google Gemini AI, Supabase, TypeScript, and Tailwind CSS. Integrated Google Gemini AI for intelligent legal responses and implemented Supabase for real-time database synchronization.

- ### Other Projects

  Developed a comprehensive Hotel Management System using JavaScript, React, Node.js, Express.js, and MongoDB for streamlined operations. Built Chatify, a real-time chat application using Python Flask with room creation and messaging features. Created Drip-Drop, an Android e-commerce clothing app using Java, Kotlin, and SQLite with secure checkout functionality. Actively contributed to collaborative projects involving machine learning applications, Linux pipelines, and process execution. Currently developing an Automatic Vehicle Registration Plate Reader, All-in-One Travel Destination App, and Walk-to-Wake Alarm App with integrated task management.

▪ ACHIEVEMENTS

Winner at MEDNXT Hackathon 2025 for Swasthya-AI, an AI-powered health assistant designed for rural healthcare delivery
Cleared JEE mains with 93.57%ile
Led as House Captain at R L Jalappa Central School, securing top house ranking through strong leadership and teamwork.