

# Suraj N Reddy

## Software Engineer | Full Stack Developer



### Profile Summary

- Passionate and driven Bachelor of Engineering student specializing in Information Science at BMS College of Engineering, with over 3 years of practical 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 strong proficiency in programming languages such as Java, C++, Python, and JavaScript.
- Skilled in modern web technologies including React, Node.js, and Next.js, as well as database systems like MongoDB, MySQL, PostgreSQL, Firebase, and Supabase.
- Possess excellent problem-solving abilities, effective communication skill, and a proven ability to collaborate effectively within diverse team environments.
- Currently seeking Internship opportunities in software development, backend development, data management, or full-stack development roles to apply technical expertise and contribute to innovative projects.

### Area of Expertise

- 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)
- Certified: Software, JavaScript, SQL, Cloud, AI, RPA, ML

### Key Competencies

- Interpersonal Skill & Collaboration | Communication | Planner | Innovator | Intuitive | Problem-Solving & Decision-Making | Project Management | Integrity | Business Acumen | Strategic Planning

### Projects Accomplishments

#### SwasthyaAI (Award Winner)

- Developed an intelligent healthcare platform designed to improve diagnostics and patient management in rural communities.
- Integrated AI-driven diagnostic tools using Google Gemini AI to provide accurate and timely health assessments.
- Implemented multilingual support to cater to diverse local languages, enhancing accessibility and user experience.
- Built the frontend with React and Vite for fast, responsive UI, styled using Tailwind CSS for a modern design.
- Utilized Supabase for backend services including authentication, real-time database, and storage, ensuring scalable and secure data management.

#### Nothing Weather

- Developed a sleek, minimalist weather application delivering real-time weather data with an intuitive user interface.
- Integrated AI-powered weather summaries using Genkit AI to provide concise, easy-to-understand forecasts.
- Incorporated interactive maps for enhanced user engagement and detailed weather visualization.
- Built with Next.js for server-side rendering and optimized performance, styled using Tailwind CSS for a clean, responsive design.
- Utilized OpenWeatherMap API to fetch accurate and up-to-date weather information.

#### PocketLaw AI

- Built an AI-driven legal assistance platform featuring automated document generation, real-time chat, and efficient case management.
- Integrated Google Gemini AI to deliver intelligent legal insights and streamline document workflows.
- Developed the frontend with Next.js and TypeScript for a scalable and maintainable codebase.
- Utilized Supabase for backend services, including real-time data handling and secure case management.
- Designed a responsive and user-friendly interface using Tailwind CSS.

#### Other Projects

- Developed multiple applications including a Hotel Management System, Chatify, and Drip-Drop using diverse technology stacks spanning web development, Python, and Android platforms.
- Contributed to machine learning applications, Linux pipeline development, and process automation projects, enhancing system efficiency and functionality.
- Currently working on innovative projects such as a Vehicle Plate Reader, Travel App, and Walk-to-Wake Alarm, focusing on real-world problem solving and user-centric design.

### Achievements

- Winner, MEDNXT Hackathon 2025 - Awarded for developing Swasthya-AI, an innovative AI-driven healthcare solution.
- House Captain, RL Jalappa Central School - Led the house to secure the top ranking through effective leadership, strategic planning, and fostering teamwork

### Academic Qualifications

- **BMS College of Engineering | Bengaluru, Karnataka, India**
  - ✓ Bachelors of engineering in Information Science || November'2022 – Pursuing ||
- **Vidya Jyothi PU College | Karnataka, India**
  - ✓ 12th (PCMCs) || 84.5% || 2020 – 2022 ||
- **RL Jalappa Central School | Karnataka, India**
  - ✓ 10th std: Percentage: 85% || 2010 – 2020 ||