

Soham Patil

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SUMMARY

Innovative **Mobile & Web Developer** with expertise in **React Native**, **Next.js**, and **Python**. Specialized in building AI-integrated applications and scalable cross-platform solutions. Proficient in **Firebase**, **Node.js**, and **MongoDB**. Passionate about creating impact through technology, demonstrated by award-winning hackathon projects and a strong drive to build real-time, user-centered systems.

WORK EXPERIENCE

Kstar Software Developer	Navi Mumbai, India June 2025 – Present
- Spearheaded the development of responsive, high-performance web and mobile applications, focusing on delivering seamless and intuitive front-end user experiences. - Designed and optimized scalable architectures for fintech and educational platforms, effectively integrating full-stack solutions to improve overall system performance. - Collaborated with cross-functional teams to translate complex business requirements into robust, enterprise-grade applications in a fast-paced agile environment.	

KEY PROJECTS

Raksha Setu – Women Safety & Emergency App	React Native, Firebase, FCM, AI
- Engineered a real-time SOS alert mechanism integrating live geolocation tracking and automated WhatsApp/SMS dispatch, significantly reducing emergency response latency. - Designed a scalable, geofenced notification system via Firebase Cloud Messaging (FCM) to instantly broadcast proximity-based alerts to a localized guardian network. - Integrated Generative AI to automatically synthesize critical incident reports, streamlining post-emergency documentation and ensuring data accuracy.	
UML Diagram Generator – AI-Powered Text-to-UML Tool	Next.js, Python, Flask, OpenAI API
- Architected a full-stack, AI-driven platform empowering users to seamlessly translate natural language prompts into complex architectural diagrams, accelerating technical documentation. - Implemented robust NLP processing workflows via the OpenAI API and integrated Mermaid.js to render dynamic, customizable visual components on the client side. - Built a highly responsive and intuitive user interface leveraging Next.js and Tailwind CSS to maximize user engagement and operational efficiency. - Configured and deployed a highly available RESTful API backend utilizing Flask and Waitress to ensure stable concurrent request handling in production.	
AyurSpace – AI-Powered Ayurvedic Companion	Flutter, Dart, Firebase, Gemini API
- Developed a cross-platform, multi-lingual health companion application employing Flutter, and implemented a scalable state management architecture with Riverpod and Firebase. - Integrated the Google Gemini API to engineer "AyurBot", a conversational AI assistant, and an advanced computer vision model for real-time medicinal plant identification. - Designed a culturally inclusive Material 3 user interface with multi-lingual support, catering to a diverse demographic and maximizing user accessibility. - Engineered a personalized health assessment algorithm seamlessly integrated with a comprehensive local database of over 50 botanical profiles.	

EDUCATION

Pillai HOC College of Engineering & Technology , Rasayani	2022 – 2026
Bachelor of Engineering (B.E.) – Computer Science	
Dayanand Science College , Latur	2021 – 2022
Higher Secondary Certificate (HSC)	

LICENSES & CERTIFICATIONS

The Complete Full-Stack Web Development Bootcamp – Dr. Angela Yu	Sep 2025
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SKILLS

- Languages:** JavaScript, Python, C, Java, HTML5, CSS3
- Frameworks & Libraries:** React.js, Next.js, React Native, Expo, Flutter
- Backend & Database:** Firebase, MongoDB, Node.js, PostgreSQL, Flask
- Tools & Concepts:** Git, GitHub, Postman, VS Code, AI Integration, Software Testing, API Testing, SQL, SDLC