

# SHASHANK S

📞 +91-7418688087

✉️ shashanksreddy44@gmail.com

LinkedIn [linkedin.com/in/Shashank S](https://linkedin.com/in/Shashank S)

## Summary

Software Developer with hands-on experience building scalable and intelligent applications using JavaScript, TypeScript, React, Next.js, and SQL. Skilled in designing efficient architectures, developing secure APIs, and integrating cloud-based services. Experienced in AI-powered platforms, blockchain-enabled solutions, and real-time data-driven systems. Strong problem-solving skills and an ownership mindset with a focus on delivering reliable, user-centric software.

## Skills

**Programming Languages:** JavaScript

**Frameworks Libraries:** React, Next.js (App Router), FastAPI, Supabase, REST APIs, Tailwind CSS

**Database:** PostgreSQL, SQL

**Dev Tools:** Git, GitHub, VS Code, Vercel

## Projects

**ContentGuard – Web3 Content Licensing Platform** | *Next.js, Ethereum, IPFS, Supabase* **May 2025 – July 2025**

- Built a decentralized analytics platform to help digital creators monetize and track usage using Ethereum smart contracts and IPFS.
- Integrated wallet-based authentication and smart license validation with MetaMask and Infura.
- Delivered real-time usage insights and revenue tracking dashboards using Supabase + Next.js.

**SaaSifyx – AI-Powered SaaS Idea Validator** | *Next.js, Supabase, Gemini AI*

**April 2025 – May 2025**

- Created a full-stack app to evaluate SaaS startup ideas using AI-driven scoring and roadmap generation.
- Leveraged Gemini AI to provide automated breakdowns, insights, and task recommendations.
- Implemented a tabbed dashboard with user flow diagrams and Kanban board using shadcn/ui and Framer Motion.

**Cloud Management Platform** | *Next.js, Supabase, AWS SDK, OpenAI*

**March 2025 – April 2025**

- Built a multi-cloud dashboard for tracking infrastructure usage, performance, and costs.
- Used OpenAI to suggest cloud optimization strategies based on real-time metrics.
- Secured cloud integrations via SDKs (AWS, Azure, GCP) and Supabase Auth.

**Forest Encroachment Risk Detector** | *FastAPI, ML, Satellite Data, Leaflet.js*

**Jan 2025 – March 2025**

- Developed a geospatial ML tool to assess forest encroachment risk using satellite imagery and proximity data.
- Built APIs to generate heatmaps, insights, and downloadable PDF reports.
- Trained models using Sentinel-2, forest loss data, and road network proximity.

## Education

**B.E. Computer Science and Engineering**

*The Oxford College of Engineering*

**Graduating: 2020**

**CGPA: 8.05 / 10**

## Certifications

**PwC Launchpad Program**

*PwC (PricewaterhouseCoopers)*

**2025**

*Certificate of Completion (see certificate)*