

SHASHANK S

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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)