
EDUCATION **Vishwaniketan's iMEET (University of Mumbai)** 2022 – 2026
B.E. Computer Engineering CGPA: 7.90 / 10

EXPERIENCE **Pravideon Pvt Ltd** October 2024 – Present
Full Stack Developer Navi Mumbai, India

- Engineered a multi-tenant Next.js dashboard and a Python backend featuring real-time WebRTC streaming, and deployed the containerized Docker architecture on AWS to enable 24/7 remote management of an autonomous fire suppression system.
- Overhauled a legacy platform by building a Node.js pipeline that continuously ingested MQTT telemetry from 10+ hardware sites into a PostgreSQL database for robust data aggregation and automated Amazon SES alerts.
- Built a custom multi-tenant SaaS platform using React, TypeScript, and Laravel that digitized manual notebook operations, and trained non-technical employees across 5+ gas agencies to efficiently track inventory and daily delivery logistics.

Avignon Université June 2025 – July 2025
Research Intern Avignon, France

- Designed a zero-overhead cryptographic encapsulation scheme for LoRaWAN using ChaCha20-Poly1305 AEAD, implemented on ESP32 microcontrollers to secure IoT communications against spoofing and replay attacks without altering existing network infrastructure.

Freelancing April 2023 – December 2023
Freelance Software Engineer Remote

- Developed a Node.js and TypeScript orchestration framework utilizing React JSX and OpenAI APIs to programmatically define agentic workflows, establishing the core backend logic for a future no-code platform.

SKILLS

Languages: TypeScript, JavaScript, Python, Go, PHP, C

Frontend: Next.js, React, Svelte, HTML5, CSS3

Backend: Node.js, Flask, FastAPI, Laravel, PostgreSQL, MongoDB

DevOps: AWS (EC2, SES, Lightsail), Docker, MQTT, WebRTC, Git

PROJECTS

Bratify <https://bratify.vercel.app>

Interactive Svelte image generator that organically scaled to over 30,000 monthly active users.

DuckThisFile

Self-hosted file portal for secure, privacy-focused image and PDF processing built using microservice architecture.

Ixora <https://github.com/retronav/ixora>

A TypeScript extension pack for interactive WYSIWYG markdown editing using CodeMirror 6.

ACHIEVEMENTS

Hackathon Winner: Echelon '25 (AI P&ID Digitization)

Gold Medallist: JuniorSkills India 2021 (Web Technologies — National Level)

Technical Lead: GDG on Campus ViMEET (2024-25); mentored peers and directed technical workshops.

OSS Contributor: [Astro \(astro.build\)](#)
