

Pranav Kulkarni

[Portfolio](#) [GitHub](#) [LinkedIn](#)

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SKILLS

Programming Languages	TypeScript, JavaScript, Python, Java
Frameworks And Libraries	React, Next.js, Node.js, Tailwind CSS, Express, FastAPI
Cloud & DevOps	AWS EC2, AWS S3, CloudFront, Nginx, Docker, GitHub Actions (CI/CD)
Database Management	PostgreSQL, MongoDB, SQLite
Development Tools	Git, Docker
Testing & Tools	Jest, React Testing Library, VS Code, Chrome DevTools
Methodologies	Agile/Scrum, CI/CD, API Integration

EDUCATION

Bachelor of Engineering - Information Technology

International Institute of Information Technology, Pune, India

2022 - 2026

- Attained a CGPA of 8.52, showcasing exceptional academic performance and a robust grasp of Information Technology principles.

WORK EXPERIENCE

StratVeda Technologies Pvt Ltd

freelancer-Technical lead

Aug 2025 - Present

- Spearheaded the development of the **Minimum Viable Product (MVP)**, transforming concepts into actionable deliverables and establishing a robust foundation for the company's offerings.
- Exhibited exceptional **technical acumen**, clear communication, and rapid execution, empowering the early-stage startup to advance with assurance and strategic focus.

Skylark Labs

SDE Intern

July 2025 - Aug 2025

- Integrated AI models into production environments, enhancing user authentication and stream processing via microservices architecture using **Django REST Framework**, Python, and React Material-UI.
- Implemented **WebRTC** technology, enabling seamless real-time communication and significantly elevating user experience in video streaming applications.

PROJECTS

AI-Powered Document Automation System

Python, Nextjs, Prisma, FastAPI, Gemini API, EXA API

[GitHub](#)

- AI-Powered Legal Document Automation System** – Built a full-stack app using **FastAPI**, **Next.js**, **Gemini API**, and **exa.ai** to convert documents into reusable templates, auto-extract variables, and generate complete drafts through an intelligent chat workflow with template retrieval, Q&A, and markdown export.

RTSP Face Detection

python, FastApi, NodeJs

[GitHub](#)

- Built a real-time MTCNN-based face detection system** with RTSP/IP camera support, webcam fallback, and snapshot generation with bounding boxes and facial keypoints.
- Developed a monitoring dashboard** with live FPS, uptime, and total face count, backed by **SQLite-based detection logging and alerting** for event tracking.

PropTradX - Proprietary Trading Platform

TypeScript, Next.js, PostgreSQL (NeonDB), AWS, Oauth, ShadcnUI

[GitHub](#) [Live Link](#)

- Developed a simulated prop trading platform enabling users to engage in Forex, Crypto, and commodities trading seamlessly with Razorpay Payment Integration.
- Engineered the platform using TypeScript, Next.js, Framer motion, Oauth and PostgreSQL (NeonDB) to ensure robust performance and scalability for high-frequency trading.

ACHIEVEMENTS

AWS Data Engineering Internship

- Developed expertise in AWS data engineering, managing scalable projects with services like S3, IAM, and EC2, with a focus on security and efficiency.