

Pranav Kulkarni

[Portfolio](#)[Github](#)[LinkedIn](#)

kulkarnipranav901@gmail.com • +91 9403579863 • Pune, Maharashtra 411017

Education

Bachelor of Engineering - Information Technology

International Institute of Information Technology, I2IT, Pune, India

2022 - 2026

- Attained a CGPA of 8.19, showcasing exceptional academic performance and a robust grasp of Information Technology principles.

Skills

Programming Languages	TypeScript, JavaScript, Java
Frameworks And Libraries	React, Next.js, Node.js, Tailwind CSS, Express
Cloud & DevOps	AWS EC2, AWS S3, CloudFront, RDS, Auto Scaling, Nginx, CI/CD
Database Management	PostgreSQL, MongoDB
Development Tools	Git, Docker, System design

Projects & Experience

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.
- Created tailored subscription plans to empower traders without initial funding by offering opportunities to purchase challenges for funding.
- Optimized user interface and experience to facilitate easy navigation, promoting user engagement and retention on the platform.

Multi-Tier Web Application Deployment

AWS S3, CloudFront, EC2, Auto Scaling Group

- Optimized Infrastructure: Deployed and auto-scaled EC2 instances with load balancing to maximize performance and scalability; enhanced network security by fine-tuning inbound rules.
- Efficient Content Delivery: Configured Nginx to ensure robust frontend performance, established S3 for seamless file access, and integrated CloudFront CDN to significantly accelerate content delivery.
- High Availability: Executed Auto Scaling and fault-tolerant configurations to guarantee uptime and reliability during peak traffic periods, ensuring uninterrupted service for users.

Wallet – Payment Made Simple

Next.js, Node.js, Prisma ORM, PostgreSQL, TurboRepo, Webhook

[GitHub](#)

- Developed a full-stack payment application with user authentication, balance checks, fund transfers, and transaction history using Next.js, Node.js, Prisma ORM, PostgreSQL, and TurboRepo.

Achievements

AWS Data Engineering Internship Completion

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

Full Stack Development

- Completed a rigorous full stack developer program focusing on real-world project development and enhancing problem-solving skills.