Pranav Hole

 pranavhole | pranav-hole | pranavhole.space | pranavhole02@gmail.com | +91 85300 08525

SUMMARY

Full-stack engineer with expertise in developing scalable backend services and real-time applications, strong experience in Node.js, cloud deployments (Azure), and database optimization. Proven track record of improving system performance by up to 74%, including reducing workflow execution time from 4.2s to 1.1s, leading migrations and building automation platforms. Passionate about clean coding, automation, and delivering impactful software solutions. Recently expanding skills in artificial intelligence and machine learning technologies.

WORK EXPERIENCE

System Engineer, Tata Consultancy Services — Aug 2024 – Present

– Designed and optimized backend services for high-volume stock market trade clearing in BFSI, ensuring reliability and low latency.
– Used Node.js, PL/SQL, MySQL; deployed and monitored on Azure cloud.
– Led migration of legacy clearing system to modern tech stack, improving trade settlement speed and system resilience.
– Enhanced Risk Management System performance by 35% via caching strategies during peak hours.
– Managed code reviews, deployment automation, and cross-team collaboration for smooth rollouts.

PROJECTS

Muzzy — Music Streaming Platform — Github — WebLink

– Built with Next.js, Prisma ORM, PostgreSQL for seamless streaming.
– Implemented sequential play, voting system, and real-time playback updates.
– Leveraged Redis caching and WebSockets to reduce sync latency by 68%.
– Designed responsive UI and scalable backend for multi-user interaction.

Zapier Clone — Workflow Automation — Github — WebLink

– Created monorepo-based automation platform using Next.js, Node.js, Kafka.
– Improved workflow execution speed by 74%, reducing execution from 4.2s to 1.1s via event-driven microservices.
– Designed for extensibility with modular connectors and automation rules.

EDUCATION

2020 – 2024	**Government College of Engineering, Amravati** — B.Tech in Electrical Engineering **CGPA: 7.56/10**
2018 – 2019	**School of Scholars, Amravati** — Class 12th **79%**

ACHIEVEMENTS

Prajwalan'23 — Co-Coordinator

– Organized and executed technical fest events, showcasing leadership and planning abilities.

Google Developer Student Club, GCOEA — Co-Lead & Blockchain Lead — July 2022 – July 2023

– Mentored peers in blockchain initiatives, developing leadership and communication skills.

SKILLS

Programming	C, C++, Java, JavaScript, Python, Typescript, Solidity
Web Technologies	HTML, CSS, Tailwind, Node.js, Express.js, React.js, Next.js, Flask, MongoDB, MySQL, Solidity, Hardhat, Ether.js, Kubernetes, Grafana, AWS, CI/CD, Docker, OpenAI SDK, Crew AI, MCP
Tools	Microsoft Azure, Cursor, Git & GitHub, Remix, Postman API