Nikhil Patil

Software Engineer | Backend Focus | Full-stack Development | Scalable Architectures

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📍 Uran, Navi Mumbai

NP

SUMMARY

I am a Software Engineer with a strong backend focus and extensive experience in full-stack development. I excel in leading end-to-end project executions and building robust back-office systems to support complex business workflows. My proficiency in technologies like Express.js, PostgreSQL, AWS, React, Next.js, and Flutter allows me to create scalable backend architectures that meet business needs

EXPERIENCE

Software Engineer II

ServerLane Technologies

📅 09/2022 - 11/2025 📍 Andheri East, Mumbai

- Established and maintained a robust back-office platform designed for complex, high-volume business use cases.
- Built and published Flutter mobile applications on the Google Play Store, ensuring smooth performance and compliance with store guidelines.
- Implemented multiple payment gateways and managed reconciliation of over 75,000 transactions per month.
- Engineered a low-latency, scalable live-streaming application using GStreamer and HLS, with careful optimization for real-time viewing.
- Planned and implemented an RPA system to automate payment transactions and operational workflows.

Software Developer

TidalWave Technology

📅 11/2020 - 03/2022 📍 Andheri East, Mumbai

- Delivered an offline-first React Native application with robust local storage and seamless background data sync.
- Engineered a scalable Web-Socket system designed to handle over one million concurrent users.
- Built backend services in Express.js and Koa, integrating MongoDB, CouchDB, and Pouch DB, and optimized complex queries for high performance.
- Enhanced system stability by adding full-stack error-handling mechanisms across APIs.
- Architected a microservices ecosystem on AWS with a strong focus on scalability, observability, and high availability.
- Developed a React.js back-office platform to streamline internal operations and support complex workflows.

Software Developer Internship

CreativeWebo Digital Agency

📅 11/2019 - 11/2019 📍 Kurla, Mumbai

- Enhanced transaction security by integrating UPI, resulting in a {15%} decrease in payment errors.
- Delivered a React Native banking app with 5 core modules, managing all frontend logic and API integrations.

EDUCATION

Masters in AI

IIIT Bangalore

📅 01/2025

B.E. Computer Science and Engineering

University of Mumbai, RMCET

📅 01/2017 - 01/2021 📍 Ratnagiri, India

SKILLS

Express.js	PostgreSQL	AWS	React	Next.js	React Native	Flutter	Payment Gateways
GStreamer	Koa	MongoDB	CouchDB	Microservices	WordPress	PHP	JavaScript	Node.js
Python	Tailwind	ANTD	Bootstrap	NoSQL	Docker	Git	Prometheus	Postman	New Relic