# Nikhil Patil

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

📞 +91 7774072857  @ nikhil.patil.work@zohomail.in  🔗 linkedin.com/in/zapy, github.com/zapy, zapy.in.net
📍 Uran, Navi Mumbai

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## 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, Ambav**

📅 01/2017 - 01/2021

## PROJECTS

### Hyabit

📅 08/2019   📍 Ratnagiri, India

Built a React Native mobile app and Node.js backend for a college startup offering truck logistics booking and repair services, supporting project planning and execution.

## CERTIFICATION

**Certificate Name**

RVR Institute — Certification in Software Development (Java,
JavaScript, jQuery, HTML, CSS)

## 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