

NIKHIL MAGUWALA

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer and Deputy Tech Lead with 5+ years building scalable, data-heavy web, mobile, and Artificial Intelligence (AI) products. Strong backend and full-stack engineer specializing in TypeScript, Node.js, Python, Angular, React, PostgreSQL, Elasticsearch, and Amazon Web Services (AWS). Proven record of turning large operational datasets into fast, dashboard-ready insights, improving system performance by up to 50%, owning architecture decisions, and mentoring developers across analytics platforms, real-time systems, and payment integrations.

SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, Structured Query Language (SQL), Bash, HTML, CSS

Frontend / Mobile: React, Next.js, React Native, Angular, Redux Toolkit, React Query, Tailwind CSS, Ant Design

Backend: Python, Node.js, Express, Flask, FastAPI, REST APIs, WebSockets, Prisma ORM, SQLAlchemy, GraphQL

Databases / Data: PostgreSQL, Elasticsearch, MongoDB, Time-series & event data, Aggregations, Query optimization

Cloud / DevOps: Amazon Web Services (AWS) — EC2, ECS, Fargate, S3, RDS, Amplify, Route 53, CloudWatch; Docker, Jenkins, GitHub Actions, Continuous Integration/Continuous Delivery (CI/CD), Linux

Integrations / Tools: Stripe, Shopify, OpenAI API, Auth0, Firebase, Swagger, Git, App Store, Play Store, Expo

WORK EXPERIENCE

Senior Software Engineer | Deputy Tech Lead

about GmbH

May 2022 – Present
Munich, Germany (Remote)

- Lead engineering on Siteview Analytics, a platform monitoring 1,000+ construction machines across global sites, processing large-scale operational data into customer dashboards.
- Engineered backend data pipelines using Python, PostgreSQL, SQLAlchemy, and Elasticsearch (DSL, aggregations, bucketing), cutting data load time 35%.
- Improved product performance and scalability by ~50% through optimization and refactoring of core algorithms.
- Built and deployed a live video streaming feature with real-time AI classification for immediate operational visibility.
- Developed a generic labelling user interface (UI) and algorithm-driven backend, improving labelling speed by ~40% and turnaround by ~50%.
- Drove architecture decisions, code reviews, and mentoring as Deputy Tech Lead to improve scalability and maintainability.

Senior Software Engineer (Project-Based)

EVER Health

Mar 2025 – Present
Remote

- Delivered Stripe and Shopify payment integrations across Next.js, Node.js, and PostgreSQL/Prisma.
- Led React Native (Expo) app development and managed iOS App Store and Android Play Store deployments.
- Optimized AWS infrastructure costs via ECS-to-EC2 migration, Amplify hosting, Neon dev database, and usage monitoring.

Main Coding Instructor | Lead Mentor

4Geeks Academy España

Apr 2023 – May 2024
Spain (Remote)

- Mentored 15+ developers in full-stack bootcamps and guided 30+ production-grade projects with a 90% graduation rate.
- Taught Python, JavaScript, REST APIs, Flask, PostgreSQL, React, clean code, and architecture through project-based learning.

Software Developer

La Net Team Software Solution Pvt. Ltd.

Aug 2020 – Feb 2022
Surat, India

- Built and delivered web and mobile apps using React, React Native, Node.js, MongoDB, PostgreSQL, AWS, Google Cloud Platform (GCP), and CI/CD.
- Contributed to 5+ client projects across 4+ countries spanning frontend, backend APIs, and cloud deployments.

EDUCATION

M.Sc. in Data Science

FAU Erlangen-Nürnberg

Apr 2022 – Sep 2024
Erlangen, Germany

B.E. in Computer Engineering

Gujarat Technological University

2017 – 2021
Gujarat, India

SELECTED PROJECTS

- Saamvad AI** – React Native AI voice assistant using the ChatGPT API for low-latency voice interactions.
- GenFlow AI** – AI Software-as-a-Service (SaaS) platform built with Next.js, Stripe, Clerk, Prisma, and Tailwind CSS.
- Imagine Hub** – DALL-E image generation app using React, Node.js, OpenAI, MongoDB, and Cloudinary.

CERTIFICATIONS

Professional Software Developer Certification (micro1, 2025) | Node.js & Python (HackerRank, 2022) | React Native + Hooks (Udemy, 2022)

LANGUAGES

English (Fluent / Professional) | German (B1)