

KANISHK KHEDKAR

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Professional Summary

Backend-focused Full Stack Engineer with ~3 years of experience building scalable APIs, cloud-native systems, and **AI-powered** applications. Strong in **Node.js**, **TypeScript**, databases, and **AWS**, with hands-on experience designing distributed services, integrating LLMs, and deploying production systems using **Docker** and CI/CD.

Experience

Ariveguru Technology Solutions

Bangalore, India

Full Stack Developer

Jul 2025 - Present

- Architecting and developing **AI agent** systems using **Node.js**, **TypeScript**, and Mastra agentic framework (mastra.ai), enabling intelligent automation and workflow orchestration
- Building scalable backend services with **MongoDB** and **AWS** infrastructure including **EC2**, **S3**, **Lambda**, and **VPC** for secure, high-performance agent deployments
- Implementing containerized microservices using **Docker** for consistent development and production environments, ensuring seamless CI/CD integration
- Designing **RESTful APIs** and serverless functions for AI agent communication, orchestration, and data processing workflows

TalentRupt

Pune, India

Full Stack Developer

Jan 2024 - May 2025

- Developed and deployed 5+ full-stack web applications using **MongoDB**, **Express.js**, **React**, and **Node.js**, serving 10,000+ active users with 99.5% uptime
- Optimized database queries, reducing API response times by 45% and improving overall application performance
- Built RESTful APIs with comprehensive error handling and validation, processing 50,000+ daily requests with 99.9% success rate
- Integrated third-party services including payment gateways (Stripe/Razorpay) and cloud storage (AWS S3), increasing user conversion rates by 25%
- Implemented CI/CD pipelines using Docker and **AWS** services, reducing deployment time by 60% and eliminating production downtime

Vidushi Infotech

Pune, India

Frontend Developer

Oct 2020 - Aug 2021

- Developed and maintained **React**-based code for in-house and client websites, reducing bug reports by 20%
- Collaborated with cross-functional teams in an agile environment, accelerating project timelines by 15%
- Optimized website performance by 30% and ensured cross-browser compatibility with 98% user satisfaction
- Implemented WCAG accessibility standards and utilized Git for streamlined workflow management

Personal Projects

SwasthaLabs — AI-Powered Fitness Platform

- Architected full-stack SaaS platform using **Next.js 14**, **TypeScript**, **Prisma**, **Supabase** (**PostgreSQL** + Auth + Storage), and **Vercel AI SDK** with Gemini 2.5 Flash, featuring custom PDF text extraction pipeline that injects domain knowledge into AI context for generating personalized 7-day Indian diet and workout plans
- Implemented complete business logic including **Razorpay** payment integration with webhook verification, role-based admin dashboard, real-time AI coach chat with streaming, 24-hour cron-based plan unlock system, meal builder with 40+ Indian foods, PDF export, rate limiting, and transactional emails via **Resend**

Full-Stack Expense Tracker

- Engineered a scalable expense management system using **Node.js**, **Express**, and **MongoDB**, deploying on **AWS EC2** with **Mongoose** **Atlas** to achieve 99.9% uptime and optimize query response times by 35% through Mongoose schema optimization.
- Integrated **Razorpay** payments and automated CSV reporting, enhancing user engagement by 40%, while implementing **JWT** authentication and **AWS S3** file storage to ensure secure data handling for 1,000+ mock users during testing.

Skills

Languages: JavaScript(ES6), Typescript, Python, C/C++

Tools & Frameworks: React.js/Next.js, Node.js/Express, TailwindCSS, AWS, Docker, Redis, Vercel, Jenkins, Git

Database Systems: MySQL, MongoDB, PostgreSQL, Firebase

Education

New Jersey Institute of Technology

Newark, NJ

Master of Science in Computer Science | GPA: 3.8 / 4.0

Sep 2021 - May 2023