KANISHK KHEDKAR

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Professional Summary

Full Stack Developer with 2+ years of experience building scalable applications using **MERN** stack (Node.js, React, MongoDB/MySQL) and cloud platforms (**AWS**, **GCP**). Skilled in web development, payment integrations, and authentication systems with expertise in responsive design and cloud deployments using Firebase, AWS EC2, and S3.

Experience

Ariveguru Technology Solutions
Full Stack Developer

Bangalore, India
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
Full Stack Developer

Pune, India
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
Frontend Developer

Pune, India
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 **MongoDB 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
Master of Science in Computer Science | GPA: 3.8 / 4.0

Newark, NJ
Sep 2021 - May 2023