

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

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

Projects

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.

Full-Stack Mailbox Client

- Developed a modern email client using **React, Node.js, and MongoDB**, implementing **JWT** authentication, real-time email updates, and a rich text editor, serving over 100+ API endpoints for email management.
- Engineered custom React hooks for state management and polling, reducing API calls by 40% while maintaining real-time updates, and implemented responsive UI with **Tailwind CSS** for optimal user experience across devices.

Skills

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

Tools & Frameworks: React.js/Next.js, Node.js/Express, TailwindCSS, Git, Docker, AWS EC2, S3, RDS, Vercel, Jenkins

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