Shashank Halanur Veeresh Kumar

Full Stack Engineer

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github.com/shashankhv | Austin, TX (Open to Relocation & Remote)

Summary

Full Stack Engineer with 6+ years of experience building scalable web platforms, Agentic AI/RAG systems, and cloud backends in TypeScript, React, Next.js, Node.js, Python, PostgreSQL, and AWS.

Experience

Full Stack Developer, *Ksense Tech Group – Remote* Nov 2025 – Sep 2026

- Delivered a Next.js, TypeScript, and PostgreSQL ERP (400,000+ assets) and B2B portal for 10+ clients, cutting bulk allocation round trips ~16x (minutes to seconds) via batched reads and parallel writes
- Engineered an AI agent pipeline in a Next.js and Prisma app generating 30-day stock forecasts from news and market history with Stripe billing for free and Pro users
- Automated Next.js deployments on AWS (ECS Fargate, ECR, S3, CloudWatch) with Sentry monitoring across 3 environments
- Architected a multi-tenant SaaS in Next.js, TypeScript, tRPC, and PostgreSQL serving 12+ dealerships on isolated custom domains with RBAC, automatic SSL, and tenant isolation

Software Developer & Manager (Volunteer), *One Community Global – Remote* Oct 2024 – Oct 2025

- Promoted to manage 8 engineers, leading architecture and code reviews for an internal React and Node.js application
- Migrated multi-service CI/CD pipelines from CircleCI to GitHub Actions with parallel stages, reducing runtime by ~60% and failures by 30%
- Designed a Retrieval-Augmented Generation (RAG) pipeline over MongoDB task logs using LLM APIs to generate grounded progress summaries for team leads
- Implemented checkout for 2 payment providers, Stripe and PayPal, using React flows, Node.js server-side verification, and idempotent webhooks

Software Engineer & Graduate Teaching Assistant, *UMassD – North Dartmouth, MA* Sep 2022 – Aug 2024

- Led 4 engineers re-architecting the university library portal (7,500+ users) from WordPress to a decoupled React SPA, lifting Lighthouse score from ~55 to 90+ via database query optimization and code splitting
- Mentored 100+ students in Web Development and Database Systems, teaching React, MySQL, MongoDB, and DynamoDB

Full Stack Developer, *Aadhya Tech Solutions – Bengaluru, India* Aug 2021 – Aug 2022

- Owned end-to-end delivery of a new e-commerce storefront in React and Node.js on AWS (EC2, S3) with technical SEO
- Connected Redux client state with Node.js and MongoDB REST APIs for product search, cart, and order tracking

Associate Software Engineer, *Accenture – Bengaluru, India* Sep 2020 – Aug 2021

- Optimized SQL queries and indexes for data-heavy APIs and reporting screens, improving response times by ~20%
- Developed Node.js and Kafka microservices for retail platforms, cutting release defects by 15% with Docker and Jest

Junior Software Developer, *OpenTurf Technologies – Bengaluru, India* Jan 2020 – Sep 2020

- Built React dashboards and Node.js APIs for a chatbot SaaS spanning 5+ channels (Web, WhatsApp, Messenger)
- Shipped webhook-driven CRM integrations, subscription access controls, and embeddable client chat widgets

Education

University of Massachusetts Dartmouth, MS in Computer Science – North Dartmouth, MA Aug 2024

Siddaganga Institute of Technology, BE in Electronics & Communication – Tumakuru, India May 2020