

M. Yashwanth Venkat

Full-Stack Engineer

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PROFILE

Full-Stack Engineer with 4+ years of experience building scalable web applications, SaaS platforms, AI-powered products, and analytics systems. Skilled in React, Next.js (SSR/SSG), TypeScript, Node.js, PostgreSQL, and AWS. Proven track record of improving performance, reducing bugs, and shipping products from concept to production.

SKILLS

Frontend: JavaScript, TypeScript, React, Next.js (SSR/SSG), React Native, Redux, Zustand, Tailwind CSS, Webpack, Vite, Jest, Storybook, Accessibility

Backend: Node.js, Express.js, NestJS, Python, Flask, Django, GraphQL, REST APIs, OpenAPI/Swagger, Microservices

Databases: PostgreSQL, MongoDB, DynamoDB, PGVector, query optimization, database indexing

Cloud & DevOps: AWS (Lambda, EC2, ECS, S3, CloudFront, API Gateway), Docker, GitHub Actions, CI/CD, Git, Agile/Scrum

AI & LLM: LangChain, LangGraph, RAG, document ingestion pipelines, prompt engineering

WORK EXPERIENCE

Full-Stack Developer, [MYV](#)

07/2025 – Present | Remote

- Partner with early-stage startups to design, architect, and deliver end-to-end production applications, owning frontend, backend, database design, cloud infrastructure, CI/CD pipelines, and deployment workflows.
- Design High-Level and Low-Level system architectures, including API contracts, database schemas, caching strategies, and cloud-native deployment patterns for scalable SaaS products.
- Build scalable products across AI, analytics, e-commerce, real estate, and SaaS domains using React, Next.js, TypeScript, Node.js, PostgreSQL, AWS, and Docker.
- **Briskk:** Designed and implemented AI-powered document ingestion and retrieval workflows using LangChain, RAG, and vector databases, improving response relevance and contextual accuracy.
- **Makaan:** Built a high-performance student accommodation platform using Next.js SSR/SSG, achieving sub-1.5s LCP and improving SEO visibility through scalable frontend architecture and performance optimization.
- **Prowiz:** Developed analytics dashboards and event-driven data processing systems, enabling real-time reporting and business intelligence workflows.
- **Yuyii:** Improved onboarding workflows, introduced feature-flag architecture, enhanced admin experiences, and optimized asset delivery through AWS CloudFront to improve application performance.
- Owned end-to-end delivery of multiple production features from requirement gathering through deployment, collaborating directly with founders and stakeholders to define product requirements and technical roadmaps.
- Led development efforts across client projects and mentored engineering interns through code reviews, debugging support, architecture discussions, and engineering best practices.

Full-Stack Engineer, [SecureMyScholarship](#)

10/2022 – 04/2025 | Dubai, UAE (Remote)

- Built and maintained scalable web applications using React, Next.js, TypeScript, Node.js, PostgreSQL, and AWS, delivering production-ready features for students and internal teams.
- Collaborated closely with Product Managers, designers, and business stakeholders to translate requirements into scalable technical solutions and deliver features on schedule.
- Improved Lighthouse performance scores by 110% through code splitting, lazy loading, image optimization, and Core Web Vitals improvements, resulting in better SEO performance and user retention.
- Optimized backend performance by 35% through database indexing, query optimization, caching strategies, and reduction of N+1 query patterns.

- Contributed to migration of core services to microservices and serverless architectures using AWS Lambda and ECS, reducing API response times to under 50ms.
- Designed and implemented payment workflows using Stripe and Razorpay, along with a custom coupon management system that improved checkout conversion rates by 15%.
- Established frontend testing standards using Jest and Storybook, reducing UI-related defects and improving engineering consistency across the team.
- Developed automation workflows and scheduled backend services using Node.js, saving over 10 hours of manual operational effort per week.
- Contributed to CI/CD automation using Docker and GitHub Actions, improving deployment consistency and release efficiency.
- Mentored and supported 2 junior developers through code reviews, architecture discussions, debugging sessions, and development best practices.

Full-Stack Engineer, [PropertyLoop](#)

07/2022 – 10/2022 | London, UK (Remote)

- Developed a custom CRM platform that reduced lead qualification workflows from 20 hours to 4 hours per lead through centralized data management and workflow automation.
- Built a property valuation platform using React, TypeScript, Redux, and real-time API integrations, contributing to a 30% increase in lead generation within the first month.
- Collaborated with Product Managers, designers, and engineers to translate business requirements into scalable technical solutions and production-ready features.

UX Engineer, [Divami Design Labs](#)

11/2021 – 06/2022 | Hyderabad, India

- Developed scalable, accessible frontend applications using React, TypeScript, and Material UI for enterprise clients including BlueYonder and EXL; built reusable component libraries adopted across multiple product lines.
- Integrated third-party services including Plaid and developed supporting REST APIs using Express.js to enable seamless platform integrations.
- Built end-to-end test automation suites using WebdriverIO, improving test coverage and reducing manual QA effort significantly.

Product Trainee, [Phonon.io](#)

09/2020 – 12/2020 | Gujarat, India

- Designed onboarding wireframes and user flows in Balsamiq; managed product requirements and roadmaps in Jira. Planned and executed A/B tests that improved user onboarding completion rate by 15%.

Data Science Developer Intern, [Synxa IT](#)

05/2020 – 08/2020 | Hyderabad, India

- Built regression-based ML models and frontend interfaces to expose predictions via user-friendly workflows; authored and published educational content on ML fundamentals including regression, SVMs, and gradient descent.

ACHIEVEMENTS

Rockstar Employee (4x) – SecureMyScholarship

Recognized four times for consistently exceeding performance expectations and contributing to team success and product excellence.

RAKATHON Hackathon Finalist – Rakuten

Ranked in the top finalists out of 6,095 teams. Built a machine learning model to detect diseases based on reported symptoms.

EDUCATION

B.Tech in Computer Science, CMR Institute of Technology

2018 – 2022