

VIGNESH AJAY

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience in building scalable web applications using React, Node.js, Express.js. Proficient in Docker containerization, AWS cloud deployment, and delivering end-to-end solutions across the MERN stack while adhering to agile methodologies.

SKILLS

- **Frontend:** React, Next.js, JavaScript, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS, Tanstack, Zustand, Redux
- **Backend:** Node.js, NestJS, Express.js, Redis, Kafka, REST API
- **Testing libraries/frameworks:** Jest, Vitest, RTL
- **Database:** MySQL, PostgreSQL, MongoDB, Firebase
- **DevOps:** Docker, Kubernetes, Jenkins, Argo CD, Git, Git workflow
- **AWS Cloud:** VPC, IAM, Lambda, EC2, ECS, API Gateway, S3, SQS, SNS, Serverless

WORK HISTORY

SDE - 2 (Full Stack Developer) | Scalereal Technologies (Pune / Remote) Nov 2023 - Jun 2026

- Developed and maintained full-stack web applications using React, Next.js, Node.js, and modern JavaScript frameworks.
- Built scalable frontend and backend solutions for AI, fintech, geospatial analytics, and enterprise SaaS products.
- Designed and implemented REST APIs, role-based access control, authentication, payment gateway integration, and real-time workflows.
- Optimized application performance, enabling efficient handling of large datasets and high-concurrency workloads.
- Delivered end-to-end features from requirements gathering to deployment, contributing to successful MVP launches and user growth.
- Collaborated with cross-functional teams in an Agile environment to build secure, scalable, and user-focused applications.
- Worked with PostgreSQL, Firebase, Google Cloud Platform, and modern state management libraries such as Zustand, Redux, and TanStack Query.

MERN Stack Developer | Webconnect Technologies (New Delhi / Remote) Sep 2022 - Aug 2023

- Developed full-stack web applications using React, Node.js, Express, and MySQL for transportation and SaaS platforms. Built scalable, role-based applications with secure authentication, multi-tenant architecture, and RESTful APIs. Implemented features including cab booking, live location tracking, fare estimation, digital wallet integration, and online payment processing.
- Designed and developed assessment workflows with video-based evaluations, role-based access control (RBAC), and administrative dashboards.
- Integrated third-party services such as Firebase and payment gateways to enhance application functionality and user experience.
- Collaborated with cross-functional teams to deliver production-ready features, supporting 500+ users in real-world deployments.

Full Stack Developer | Lentera Technologies (Chennai) Nov 2020 - May 2021

- Developed full-stack web applications using React, Node.js, Express, and MySQL for enterprise and SaaS platforms.
- Built scalable solutions for warranty management, learning management, online assessments, and administrative workflows.

- Designed and implemented REST APIs, secure authentication, and role-based access control for business-critical applications.
- Developed interactive dashboards and data visualizations to provide actionable insights and improve user decision-making.
- Contributed to scalable microservices and cloud-ready architecture designed to support high-concurrency workloads of over 100,000 users.
- Collaborated with cross-functional teams to deliver reliable, high-performance applications following Agile development practices.

EDUCATION

Bachelor of Engineering in Computer Science

July 2016 - Sep 2020

University College of Engineering - BIT Campus, Trichy

LANGUAGES

Tamil, English