

ARIVALAGAN SANKAR

Junior Full-Stack Developer (MERN)

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Summary

Full-Stack Developer (MERN) skilled in building and deploying scalable SaaS web applications using React.js, Node.js, Express.js, and MongoDB. Delivered 45% faster API performance and 70% reduced deployment time through optimized REST APIs and CI/CD automation. Experienced in cloud (AWS, Render), modern UI/UX systems (Figma, Tailwind), and Agile collaboration. Currently expanding expertise in TypeScript, Python, and AI-driven automation to engineer intelligent, cloud-native SaaS platforms.

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React.js, Redux, Next.js.
Backend: Node.js, Express.js, Python, REST APIs, Middleware, JWT Auth.
AI & Core: Generative AI (LLMs, LangChain, RAG, MCP), DSA, AI Agent.
Databases & ORMs: SQL (PostgreSQL), NoSQL (MongoDB), Redis, Prisma, Drizzle.
DevOps & Tools: Git, Monorepo, Docker, AWS, CI/CD, GitHub Actions, Postman, NGINX.

Work Experience

Piratescorp, Chennai Jul 2025 - Present

Junior Full-Stack Developer (MERN)

- Developed and deploying a scalable SaaS CRM using React.js, Node.js, Express.js, and MongoDB Atlas, enhancing platform scalability and data performance by 45% through optimized REST APIs and async workflows.
- Reduced manual deployment effort by 70% by implementing CI/CD pipelines with GitHub Actions, Docker, and AWS (Vercel/Render), improving delivery speed and reliability.
- Improved UI/UX performance by 30% via modular React components, Tailwind CSS, and Figma-driven design systems, ensuring responsiveness and accessibility across devices.
- Collaborated in Agile teams to deliver production-ready releases, integrating API testing (Postman), version control (Git/GitHub), and cloud optimizations with a focus on stability and maintainability.

Piratescorp, Chennai Dec 2024 - Jun 2025

Full-Stack Developer Intern

- Built and optimized responsive web applications using React.js, Node.js, Express.js, and MongoDB, improving UI load and API response efficiency by 30% through structured async logic and REST API optimization.
- Implemented real-time features and designed modern, intuitive UIs using Figma, Tailwind CSS, and Bootstrap, ensuring scalability, reusability, and consistent design across all devices.
- Handled end-to-end project development, from UI/UX design frontend - backend, while writing clean, maintainable, and reusable code aligned with (Piratescorp) industry performance best practices.

Project Work

- Login & Registration System (2025):** Built a secure full-stack authentication system using React, Node.js, Express, and MongoDB with JWT-based login, protected routes, and environment-configured deployed on render. [Code / Demo](#)
- Client Hub – CRM (SaaS) (2025):** Developing a SaaS CRM platform to manage clients with React.js, Node.js, Express, and MongoDB Atlas. Built CRUD modules, REST APIs, dashboards, and authentication. Currently expanding into cloud deployment (AWS), SaaS multi-tenancy, and AI-driven insights for smart client management. [Code \(In Progress\)](#)
- Project Contributions (2024):** Contributed to various projects including a Fintech Payment Dashboard, Login-Signup Dashboard, Marketing Landing Page, Animated Gallery and Admin panel. [Code / Demo](#)

Education

MSW, HR & Psychology, Bharathiar University, Coimbatore - 7.20 CGPA Jun 2021 - Aug 2023
BA, International Economics, Bharathiar University, Coimbatore - 7.00 CGPA Jun 2018 - May 2021

Awards and Certificates

- Combined behavioral psychology and cutting-edge technologies to develop intuitive, scalable full-stack application solutions, enhancing usability and performance by optimizing user experience across multiple projects.
- Machine Learning and Deep Learning Specialization on Coursera