

Davanesh Saminathan

Full Stack Developer (MERN & Java Spring) | React Native Developer | AWS Cloud Enthusiast

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

[LeetCode](#) | [HackerRank](#)

Skills

Programming Languages: Java, C, Python, JavaScript, TypeScript

Core Competencies: DSA (JavaScript, Python, C, Java), OOP (Java)

Technologies & Tools:

- **Frontend Development:** HTML, CSS, Tailwind CSS, JavaScript, React.js, React Native, Three.js, Next.js
- **Backend Development:** Node.js, Express.js, SQL, MongoDB, PostgreSQL, Java Spring
- **UI/UX Design:** Figma, UI/UX Design Principles
- **Version Control:** Git, GitHub
- **Cloud Computing:** AWS (Deployment & Management)
- **Containerization & Deployment:** Docker, Kubernetes, OpenShift

Professional Summary

Passionate Full-Stack Developer skilled in building scalable web and mobile apps using technologies like **React.js, React Native, Java Spring, Node.js, and MongoDB, PostgreSQL**. Experienced in both frontend and backend development, cloud computing (**AWS**), and containerization (**Docker, Kubernetes**). Adept in **UI/UX** design principles and optimizing application performance with a focus on seamless user experiences.

PROJECTS

- **Ambulance Service App:** Developed a mobile app for dispatching ambulances quickly using React Native. Integrated real-time location tracking with Google Maps API and push notifications for updates. Backend built with Java Spring Boot, PostgreSQL for database management, and Firebase for authentication. Deployed on AWS for scalability. Technologies: React Native, Java Spring Boot, PostgreSQL, Firebase, Google Maps API, AWS. (GitHub: [Link to Project](#))
- **Real Estate Marketplace:** Built a marketplace for buying and selling properties, integrating MongoDB Atlas for database management and AWS for cloud storage solutions. Implemented various search and filter functionalities to improve user experience. The platform is deployed on Render, ensuring a responsive and scalable solution. (GitHub: [Link to Project](#))

- **Google Docs Clone:** Developed a cloud-based document editing app for real-time collaboration. Integrated authentication using Clerk and real-time collaboration with Liveblocks. Built with Next.js 15 for the frontend and styled using Tailwind CSS. The backend is powered by Convex for seamless data management. Enabled efficient and interactive document editing with live updates. Technologies: Next.js 15, Tailwind CSS, Convex, Clerk, Liveblocks. (*GitHub: [Link to Project](#)*)
- **CloudNest:** Developed a secure and production-ready storage management platform for efficient file storage and sharing. Designed with a user-friendly interface for individuals and teams. Integrated Convex for storage and authentication management. Built with Next.js to ensure fast and scalable performance. Technologies: Next.js, Convex. (*GitHub: [Link to Project](#)*)

Education

Bachelor of Technology (B.Tech) — Computer Science and Engineering (CSE)

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai

August 2023 - December 2027

Relevant Coursework: Data structures and algorithms, Database, Discrete mathematics, Python, C

Certifications

AWS Cloud Technical Essentials — *Amazon Web Services (AWS)*

HTML & CSS — *Meta*

Advanced React — *Meta*

Programming with JavaScript — *Meta*

UI/UX Design Principles — *Meta*

Version Control with Git — *Meta*

Introduction to Containers w/ Docker, Kubernetes & OpenShift — *IBM*

Developing Back-End Apps with Node.js and Express — *IBM*

React Native — *Meta*