

KARAN MANICKAM

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OBJECTIVE

Software Developer skilled in full-stack development, system design, and building scalable web applications. Seeking full-time software engineering opportunities.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science, KSR Institute for Engineering and Technology, Namakkal 2022 – 2026
CGPA: 8.8/10

SKILLS

Programming Languages	Java, JavaScript, TypeScript
Frontend Technologies	HTML5, CSS3, React.js, Tailwind CSS
Backend & Databases	Node.js, Express.js, RESTful APIs, MongoDB, MySQL, Firebase
Computer Science Concepts	OOP, Operating Systems, DBMS, Computer Networks, API Design, Agile

EXPERIENCE

Software Development Engineer Intern Oct 2025 – Present
Praskla Technology, Namakkal (Hybrid)

- Revamped the business website with modern UI/UX, improved performance, and optimized components.
- Built and implemented REST API endpoints in Node.js/Express for client–server communication.

Frontend Developer Intern Dec 2024 – Feb 2025
Cube AI Solution, Namakkal (Hybrid)

- Built 3+ responsive web applications with a mobile-first approach and clean, user-friendly interfaces.
- Reduced page load time by 30% and ensured cross-browser compatibility across 4+ major browsers.

PROJECTS

Interview Preparation AI. A MERN-based platform featuring AI-generated interview questions, aptitude preparation, DSA sheets, code compiler, secure authentication, and an AI assistant powered by Gemini. ([Link](#))

Loan & Mortgage Management System. Developed a financial management app using React Native and Firebase featuring borrower onboarding, loan creation, interest tracking, due reminders, and secure document storage.

Code Migration CLI Tool. Node.js-based CLI tool that automates legacy code migration by detecting and replacing deprecated patterns across projects, reducing manual effort. ([Docker](#))

EXTRA-CURRICULAR ACTIVITIES

- Solved 100+ DSA problems across LeetCode, GFG, and Codolio and earned a 5-star Java badge on HackerRank.
- Actively contributed to open-source projects and participated in community events like Hacktoberfest.

CERTIFICATIONS

- Diploma in Computer Applications (DCA)
- Java Full Stack Developer – Coursera