

NIHAL K

WEB DEVELOPER | JAVASCRIPT • MERN STACK

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SUMMARY

A recent BCA graduate specialized in software development and web design, with hands-on experience building responsive web applications using React.js and Node.js. Actively seeking an internship or junior developer role to apply my skills, contribute meaningfully, and grow within a collaborative development team.

EDUCATION

Srinivas University, Mangalore, India May 2025

8.89 CGPA - Bachelor of Computer Applications (B.C.A.) – Software Development & Web

Chemnad Jama'ath HSS, Chemnad, Kasaragod May 2022

86% - HSE/+2 Computer Science

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, Next.js
- **Backend:** Node.js, MongoDB, MySQL, REST APIs
- **Tools & Version Control:** Git, Postman, Figma
- **Soft Skills:** Problem-Solving, Adaptability, Creativity

PROJECTS

Inventory Management System for FMCG Distributors [Github](#)

Role: Frontend Developer (2-member team)

Tech: React.js, Recharts, CSS Modules

- Built a responsive dashboard for FMCG distributors to track stock, orders, customers, and invoices featuring reusable components for rapid data access.
- Secured the app with JWT-based login and added a customer portal for streamlined order tracking and profile management.
- Integrated seamlessly with an Express + MongoDB backend through close collaboration, ensuring robust API interactions and data validation.

Kiosk Survey Application [Github](#)

Tech: React.js, Bootstrap

- Built a minimal-UI survey app for kiosk touchscreens, guiding users through questions with React hooks and local JSON storage.
- Designed large-button layouts and feedback screens for offline use and public usability.

2D Stickman Fighter Game [Github](#)

Tech: HTML5 Canvas, JavaScript

- Engineered a smooth 60 FPS game loop with Canvas-based sprite rendering and precise hit-box collision detection, ensuring fluid, lag-free combat.
- Implemented responsive keyboard controls and on-screen buttons for mobile.
- Built a basic AI Enemy with adjustable difficulty levels for varied challenge.
- Integrated sound effects and background music via the Web Audio API to enhance user experience.

CERTIFICATIONS

FreeCodeCamp - [Legacy JavaScript Algorithms and Data Structures](#), [Front End Development Libraries](#), [Back End Development and APIs](#)

NSDC Skill India - [Web Design & Development](#)

Infosys SpringBoard - Introduction To Python, JavaScript Essentials for Modern Web Development