

# NIHAL K

## WEB DEVELOPER | JAVASCRIPT • MERN STACK

Kasaragod, Kerala • +91 7902423075 • nihal04x@gmail.com • [LinkedIn](#) • [Portfolio](#)

### SUMMARY

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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

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#### Srinivas University, Mangalore, India

May 2025

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

#### Chemnad Jama'ath HSS, Chemnad, Kasaragod

May 2022

HSE/+2 Computer Science

### SKILLS

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- **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

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#### Inventory Management System for FMCG Distributors

[Github](#)

**Role:** Frontend Developer (2-member team)

**Tech:** React.js, Recharts, CSS Modules

- Built a responsive dashboard to manage stock, orders, customers, and invoices, with reusable search and filter/sort components.
- Implemented JWT-based login and a lightweight customer portal for order tracking and profile updates.
- Collaborated with a backend dev using Express and MongoDB

#### Kiosk Survey Application

[Github](#)

**Tech:** React.js, CSS Modules

- 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

- Developed a fast-paced, endless 1v1 stickman fighting game for browsers.
- Implemented responsive keyboard controls and on-screen buttons for mobile.
- Built a basic AI Enemy with adjustable difficulty levels for varied challenge.
- Engineered a smooth 60 FPS game loop, Canvas-based sprite rendering, and hit-box collision detection.
- Integrated sound effects and background music via the Web Audio API.

### CERTIFICATIONS

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**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