

# PAIAVULLA NIKHIL

## WEB DEVELOPER

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📁 Portfolio 🐙 Github 🔗 LinkedIn

## SUMMARY

**MERN Stack** web developer passionate about building **responsive, user-friendly** websites. Skilled in turning ideas into functional products that enhance user experience and drive business goals. Experienced with **React.js, Node.js, Express.js, and MongoDB**, I deliver **creative, efficient solutions** to help projects succeed and grow.

## SKILLS

**Programming Language:** Javascript, Java

**Web Technologies:** HTML, CSS

**Frameworks and Libraries:** React.js, Node.js, Tailwind CSS, Bootstrap

**Database:** MongoDB, SQL

**Tools:** Git, Github, Postman

**Core Skills:** MERN stack Development, RESTful APIs Development, Responsive Web Design

## PROJECTS

**ProjX: Project Management Tool** | *React.js, Node.js, Express.js, Mongodb, Recharts* | [Github](#) | [Live Demo](#)

- Developed ProjX, a project management app to help teams **organize** and **track work** efficiently.
- Created **workspaces, projects, tasks, and subtasks** for structured task management.
- Implemented **commenting** and **tagging** for seamless **team communication**.
- Designed a **Kanban board** for visual progress tracking and a **dashboard** for status overview.
- Ensured **security** with **token-based login** for safe and private access.

**Coal Mine Carbon Management** | *React.js, Tailwind CSS, Recharts* | [Github](#) | [Live Demo](#)

- Developed a **web app** for Indian **coal mines** to measure carbon footprint and plan for **carbon neutrality**.
- Enabled users to **input mining activity data** to **estimate emissions** and **compare with existing carbon sinks** like tree cover.
- Implemented **simulation of strategies** including **clean technology, renewable energy, and afforestation** to **reduce emissions**.
- Integrated **carbon credit estimation** and **data visualization** using **charts and dashboards**.
- Supported **decision-making** for **sustainability**, adaptable to different mine types and sizes.

## EDUCATION

Dayanand Sagar College of Engineering

B.E. Computer Science and Design

Ongoing

Current CGPA: 9.7

## CERTIFICATIONS

**The Complete Full-Stack Web Development Bootcamp** | [Udemy](#) |

Jan 2025

Practical experience building projects with HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, REST APIs, responsive layouts, and Git/GitHub version control.

**Programming Foundations with JavaScript, HTML and CSS** | [Coursera](#) |

May 2025

Hands-on learning in core web development concepts, building interactive web pages, and understanding programming logic and structure.