

NIRANJAN ALASE

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Summary

Highly motivated B.Tech student in AI and Data Science with robust skills in full-stack development and cloud deployment. Proficient in MERN stack, React, and cloud platforms like Vercel and Netlify. Seeking opportunities to apply and expand my knowledge in AI and data-driven projects.

Education

Indian Institute of Information Technology, Kottayam

2023 – 2027

B.Tech in CSE (Major in Artificial Intelligence and Data Science)

CGPA: 8.8/10

Projects

ChatNova - AI-Powered Chatbot

[Live Demo](#) | [Source Code](#)

- Built an interactive chatbot using the Gemini API, integrated with a MERN stack (MongoDB, Express.js, React, Node.js) application.
- Utilized Redux for state management, JWT for secure authentication, and deployed on Vercel for scalability.
- Demonstrated full-stack development and cloud deployment skills.

Personal Portfolio Website

[Live Demo](#) | [Source Code](#)

- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase personal projects and skills.
- Implemented custom styling and animations with CSS and interactive features with JavaScript.
- Hosted on Vercel, leveraging cloud deployment for scalability and accessibility.

E-commerce Platform

[Live Demo](#) | [Source Code](#)

- Built a fully functional e-commerce platform using React, Redux, and Bootstrap to manage products and user interactions.
- Implemented secure user authentication and efficient product management features.
- Designed a responsive interface, deployed on Netlify for optimal performance.

Technical Skills

Languages: Python, Java, C++, JavaScript

Backend: Node.js, Express.js

Frontend: React, TailwindCSS, HTML, CSS, Bootstrap

Cloud & Databases: AWS, PostgreSQL, MongoDB, Vercel, Netlify

Developer Tools: Postman, VS Code, GitHub

Certifications

- React Certificate - Complete Coding by Prashant Sir, 2024 ([Link](#))
- Drone Workshop Certificate - Space Chase, 2024 ([Link](#))
- Graphs Camp by Codeforces Master - Jan 2025 ([Link](#))

Algorithmic Competitions and Achievements

- Solved over 250 LeetCode DSA problems, including 100+ medium and 50+ hard problems.