Swastik Nanda

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Education

VIT Bhopal University   **Oct 2022 – present**
Bachelor of Science in Computer Science, CGPA: 8.70   *Bhopal, Madhya Pradesh*

Ahlcon Public School   **Aug 2008 – Mar 2022**
Class X CBSE Board percentage: 95.4%
Class XII CBSE Board percentage: 88%

Technical Skills/ Soft Skills

Languages: Java, JavaScript | **Frameworks**: React.js, Node.js, Express
Databases: MongoDB, MySQL | **Tools**: Git, Postman, REST APIs, Tailwind CSS, JWT

Experience

TechBairn Research Pvt. Ltd   **June 2024 – Sept 2024**
Full Stack Web Developer Intern   *Bengaluru, India*

- Programmed a secure online wallet, empowering authenticated users to perform seamless financial transactions and manage funds for 100+ users.
- Integrated a robust payment gateway to ensure reliable and efficient transaction processing.
- Spearheaded Agile collaboration and planning sessions, enhancing team communication and increasing task throughput by 15%.

Altisource Portfolio   **June 2024 – Sept 2024**
Full Stack Web Developer Intern   *Bengaluru, India*

- Built scalable enterprise-grade applications using Microsoft Power Apps, including a Travel Checklist app that reduced manual planning efforts across teams.
- Conducted a comprehensive cybersecurity risk assessment and recommended improvements, increasing compliance and security awareness for 100+ employees.
- Learnt secure software development, data privacy protocols, and enterprise security policy enforcement in a corporate environment.

Projects

Imagify – AI Image Generator (MERN + Razorpay)

- Developed a secure, credit-based AI image generation platform using the Clipdrop API, enabling users to transform text prompts into high-fidelity visuals with support for up to 100+ images per day per user.
- Merged Razorpay for seamless payment processing, resulting in over 200 successful credit purchases and allowing users to top up credits as needed conveniently.
- Implemented robust authentication protocols and an intuitive interface, ensuring effortless image creation, management, and download for 30+ registered users while rigorously safeguarding user data throughout the experience.

The ReactPizza Company

- Built a full-stack pizza delivery application with the MERN stack, offering an interactive interface for users to browse, customize, and order pizzas with over 20+ choices.
- Designed dynamic menu loading from an API, real-time cart management, and streamlined order placement with unique order IDs.
- Incorporated secure authentication, user and admin dashboards for efficient order tracking and management, and a responsive design for a seamless user experience, with over 30+ registered users.

Coronary Artery Disease Prediction App (ML + Flask + MERN)

- Developed a machine learning system to predict coronary artery disease risk with 85% accuracy using the Cleveland Heart Disease dataset, analyzing 300+ patient cardiac health records.
- Built a React-based web application with a backend API, enabling users to input 13 cardiac risk factors and receive real-time CAD risk predictions.
- Implemented secure data validation and intuitive UI for cardiac risk assessment, delivering clear results and actionable health recommendations to improve cardiovascular awareness.

Awards & Achievements

Google CyberSecurity – Completed a program in cybersecurity principles and practices.
AWS Cloud Foundations – Comprehensive understanding of core AWS services, cloud concepts, and best practices.