

Swastik Nanda

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Technical Skills/ Soft Skills

Languages: Java, Python, C++, JavaScript | **Frameworks:** React.js, Node.js, Express, Flask
Databases: MongoDB, MySQL | **Tools:** Git, Postman, REST APIs, Tailwind CSS, Linux, JWT, Socket.io
Other: Agile (JIRA), Stripe API, Cybersecurity (CIA Triad), AWS, PowerApps

Experience

TechBairn Research Pvt. Ltd.

June 2024 – Sept 2024

Full Stack Web Developer Intern

Bengaluru, India

- Engineered a secure online wallet with **end-to-end authentication** and Razorpay integration, facilitating seamless financial transactions for 100+ users.
Designed a responsive frontend using **React.js** and **Tailwind CSS**, enhancing user interaction speed and interface consistency by ~30%.
- Architected and optimized **Node.js + MongoDB** backend services to ensure secure, efficient data handling and transaction logging with 99.9% uptime.
Actively contributed to **Agile sprints** and **collaborated via JIRA**, accelerating sprint deliverables and ensuring timely issue tracking.
- Led cross-functional planning sessions that improved team communication and contributed to a **15% increase in task throughput**.

Altisource Portfolio


June 2024 – Sept 2024

Full Stack Web Developer Intern

Bengaluru, India

- Trained in **low-code development** using **Microsoft Power Apps**, building scalable enterprise-grade applications with faster deployment cycles.
- Designed and launched a **Travel Checklist application** with an intuitive UI, reducing manual planning efforts across teams.
- Conducted a detailed **cybersecurity risk assessment** and proposed actionable improvements, increasing compliance with industry standards and enhancing security awareness for **100+ employees**.
- Gained hands-on experience in **secure software development** and **data privacy protocols** in a corporate environment.
- Developed a strong understanding of **enterprise security policies** and their real-world enforcement in large-scale systems.

Projects

- Imagify – AI Image Generator (MERN + RazorPay)**
Built a production-grade **text-to-image generator** using OpenAI API with **Razorpay payment integration**. Designed RESTful backend with Node.js & MongoDB, and deployed a responsive React UI.  [Live Demo](#)
- Real-Time Chat App (MERN + Socket.io)**
Engineered a **real-time messaging app** with **Socket.io** for bi-directional communication, **JWT-based authentication**, and secure MongoDB chat storage.
- Diabetes Prediction App (ML + Flask + MERN)**
Created a health risk prediction system using **Logistic Regression (84% accuracy)**. Integrated **Flask API** with MERN stack for user input, prediction, and response handling.

Awards & Achievements

State-Level English Debate Winner – Secured 1st place for excellence in communication, critical thinking, and structured argumentation.
Cybersecurity Certified – Completed **8 certifications** covering threat management, risk analysis, network security, CIA triad & frameworks.
Cloud Certifications – NPTEL Cloud Computing & Ethnus **AWS Solutions Architect** Certified, demonstrating cloud proficiency.
UI/UX Design Certified – Earned **Adobe UI/UX certification (Ethnus)**, gaining skills in user-centered design, accessibility, and visual hierarchy.

Education

VIT Bhopal University

Oct 2022 – present

Bachelor of Science in Computer Science

Bhopal, Madhya Pradesh

Relevant Coursework: DSA, DBMS, Operating Systems, Computer Networks