Subhankar Patra

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EDUCATION

Veer Surendra Sai University of Technology, Burla   08.2023 – Ongoing
*Bachelor of Technology(B.Tech) in Information Technology - **CGPA: 8.68***   *Sambalpur, Odisha*

Ravenshaw Higher Secondary School, Cuttack   07.2020 – 06.2022
*12th Standard Board Examination - Science - **Percentage: 87.5%***   *Cuttack, Odisha*

EXPERIENCE

Upcoming Summer SDE Intern - UBS   May 2025 – July 2025
Software Development Intern   *Pune (Hybrid/On-site)*
- Selected for UBS Summer Internship 2025 through campus interview process among top candidates across multiple departments.
- Will be working in the technology division with focus on full-stack development and scalable systems.

Technical Intern - Dev-Destruct   Nov 2024 – Jan 2025
Web Development Intern   *Remote*
- As a full-stack intern at Dev-Destruct, worked on building an online code editor.
- Contributed to building an online code editor with secure authentication, language selection, and AI-driven code generation for real-time suggestions.

Additional Experience: GDSC Solution Challenge (qualified ideation stage for AI-powered hospital management system), Team Member at Enigma (college fest website design), Tech Team Member at E-Cell (E-Summit and TEDx event websites).

PROJECTS

Aayush-Bharat — AI Powered Hospital Management App ⬤ — FullStack Developer
- Built an AI-powered hospital management app using **Next.js, TypeScript, Tailwind CSS, Appwrite**, and **MongoDB**, enabling appointment booking, record management, and real-time admin dashboards.
- Integrated OpenAI/Anthropic APIs to power a chatbot that auto-fills patient forms and provides basic diagnosis and doctor recommendations based on user input.

Walmart Smart Exchange System ⬤ — Backend Developer
- Developed an AI-powered smart return management system using **Node.js**, **Express.js**, **MongoDB**, and **Flask**, integrating image validation, role-based authentication, and real-time notifications via **Socket.io**.
- Built admin approval workflows, user points-based redemption, wishlist, and item tracking features; used **Cloudinary** for media handling and deployed microservices on **Render**.

MontyPlay – Full Stack YouTube Clone ⬤ — Frontend Developer
- Developed a YouTube-inspired full-stack video streaming app using **React.js**, **Node.js**, and **Vite**, enabling users to upload, search, and stream videos seamlessly.
- Implemented features like video categories, likes, subscriptions, authentication, and a responsive UI; deployed with separate frontend and backend services.

SKILLS

- **Web Development:** MERN Stack, Next.js, React.js, Nest.js, MySQL, REST APIs, Linux
- **Programming Languages:** C, C++, Javascript, Python
- **Tools:** Git, Github, Vercel, Postman, VS Code

CERTIFICATIONS

• **Central ToolRoom and Training Center, BBSR - AI/ML Certification**   • **Google AI/ML Virtual Internship - 2024**   • **Google Solution Challenge - 2024**