SAMBIT KUMAR MOHANTY

Cuttack, Odisha

📞 +91-7855909585 ✉ sambitkumarmohanty25@gmail.com 🔗 Linkedin ⚙ Github 🐦 Twitter

EDUCATION

B.Tech - Information Technology   **2023 − 2027**
*Odisha University of Technology and Research - **CGPA - 9.2***   *Bhubaneswar, Odisha*

EXPERIENCE

Full-Stack Developer (Self-Driven Projects)
Focus Area - MERN Stack Development

- **Led** development on multiple full-stack applications using **MERN Stack**
- **Engineered** core features like authentication, **REST APIs**, and responsive UI, resulting in **100%** feature complete applications.
- **Accelerated** React application performance by **Next.js** (for Server-Side Rendering) and **Redux Toolkit** (for state management).
- **Streamlined** deployment process by setting up **CI/CD pipelines**(Github Actions) to automatically deploy projects to **vercel, Netlify, and Render**, reducing deployment time by **50%**

PROJECTS

The Artisan's Loom ⎋ | React.js, Firebase, Google Cloud (Vertex AI), Node.js   **Sept 2025**

- **Authored** a full-stack, **AI-native e-commerce platform** designed to empower traditional Indian artisans, potentially increasing market reach by **25%** by bridging technological and linguistic divides.
- **Devised** a suite of generative AI tools with **Google's Gemini Pro**, including a voice-powered product listing system and an **AI Co-Pilot** that **automates 95%** marketing assets and social media scripts
- Architected a **serverless backend** with Cloud Functions for automated emails, on-demand translation, and real-time data aggregation, ensuring **99.9%** uptime

ResuPlex–Build Resumes Get Hired ⎋ | TypeScript, Express, PostgreSQL, FastAPI   **Sept 2025**

- **Built and Launched** a suite of resume optimization tools, including **real-time resume optimization, ATS simulations**, recruiter-view previews, tailored cover letters, and keyword gap analysis.
- **Refined** advanced featuressuch as **career path mapping, skill validation, global formatting support, and AI-generated narratives** for career gaps to help users **reduce application errors by 30%**.
- **Implemented** application tracking, multi-industry resume adaptation, and an **AI recruiter chat** for instant, actionable feedback, effectively streamlining the job journey for hundreds of users.

Axion Flow AI-Powered Workforce Digital Twin ⎋ | TypeScript, Express, FastAPI, Prisma**Oct 2025**

- **Conceived and Architected** a secure, **multi-tenant SaaS platform** with a role-based dashboard for Admins, Managers, and Workers, featuring an **AI-powered onboarding agent** that verifies new companies using third-party data APIs,improving new client verification efficiency by **40%**
- **Pioneered** a real-time **Digital Twin** visualiztion of the factory floor, using **WebSockets** to display live worker locations and statuses, significantly **enhancing operational awareness by 20%**.
- **Integrated** a specialized AI microservice to provide intelligent, data-driven task recommendations, which is **projected to improve worker productivity by up to 20%**

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, TypeScript
Frontend: HTML5, CSS3, React.js, Tailwind CSS
Backend: Node.js, Express.js, FastAPI
Database: Firebase, MongoDB, PostgreSQL, Prisma
DevOps/Tools: Docker, Git, VS Code, PyCharm

EXTRACURRICULAR

* **Drove technical success by applying analytical rigor** to complex architectural challenges, **Open Source contributions**, and competitive events like **EY Techathon** and **Google Gen AI Exchange**.
* **Collaborated effectively** with teams as an NSS Member (2023-2027) and demonstrated **disciplined execution** problem-solving in competitive Chess.