Shubhranshu Khatua

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Education

Biju Patnaik University of Technology **Sep 2022 – Mar 2025**
Bachelor of Technology in Computer Science *Balasore, Odisha*

SK DAV Govt. Polytechnic College **Aug 2019 – Apr 2022**
Diploma in Electrical Engineering *Rourkela, Odisha*

Relevant Coursework

- Data Structures
- Operating system
- SQL
- Database Management
- Oops
- Python

Experience

DRDO, PXE (Balasore) **Jun 2025 – Jul 2025**
Intern *Balasore, Odisha*

- Developed a Radar Range Calculator using Python to streamline range estimation based on technical parameters, improving data accuracy and calculation speed.
- Built a dynamic and user-friendly website for Proof and Experimental Establishment (PXE) using ReactJS, enhancing internal stakeholder interaction and accessibility.
- Optimized computational efficiency in radar range estimation by implementing algorithmic enhancements, reducing processing time and improving result precision.

Projects

Job Portal Website | *HTML, CSS, JavaScript, ReactJS, TailwindCSS* **Jan 2024**

- Developed a fully functional job portal using ReactJS and Tailwind CSS, featuring a responsive and intuitive user interface.
- Implemented core modules including an "Add Job" section for recruiters and a "Find Job" section for seekers, enhancing user experience on both ends.
- Integrated Auth0 for secure user authentication, enabling role-based access and smooth login/signup flow.

AI Resume Builder App | *ReactJS, CSS, JavaScript, Clerk, Vercel* **Nov 2024**

- Built a SaaS resume builder allowing users to design, customize, and export professional resumes.
- Added features like live preview, template switching, section editing, and one-click PDF export.
- Implemented Clerk for secure sign-in and resume auto-save, improving personalization.
- Designed a fully responsive UI with mobile-first design principles using ReactJS.
- Deployed the app via Vercel and optimized performance for fast load times. (freeresumee.com)

Technical Skills

Languages: Java, C++, JavaScript, Python, SQL, HTML, CSS

Web Development: ReactJS, TailwindCSS, WordPress

Tools Platforms: Git, GitHub, VS Code, Google Cloud Platform

Concepts: Data Structures and Algorithms, OOP, REST APIs, Agile Methodology

Achievements

Recognition **2025 – Present**
Balasore College of Engineering and Technology

- Solved 400+ LeetCode problems, demonstrating strong analytical skills and proficiency in data structures and algorithms.
- Secured third place in a college hackathon by developing an innovative, high-impact project under competitive conditions.
- Led a team to design and deploy a full-stack job portal, ensuring seamless collaboration and successful delivery.