

SHUBHAM JAISWAL

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EDUCATION

Indian Institute Of Technology (BHU) Varanasi

Varanasi, INDIA

B. Tech in Electronics Engineering

Expected June 2025

SKILLS

Programming Languages: JavaScript, HTML, CSS, C, C++, Go, Python, TypeScript

Frameworks & Libraries: ReactJS, Next.js, Node.js, Express.js, PostgreSQL, MongoDB

Area of Interest: Data Structures and Algorithms, Competitive Programming, Full Stack Development.

WORK EXPERIENCE / INTERSHIPS

Software Engineering Intern | Samsung Delhi

May 2024 – July 2024

- Developed a **reward distribution platform** using **React, Redux, and PostgreSQL**, managing an **employee database** with **multi-level role-based access control**.
- Designed and optimized a **PostgreSQL schema** with **10+ tables**, improving query performance by **20%**.
- Integrated **30+ REST APIs** and resolved **40+ UI/UX issues**.

Freelance Software Developer | Trio Global Inc, Boston ([Link](#))

August 2023 – April 2024

- Built **multiple AI-powered microapps** for a **marketplace** using **Next.js, Tailwind CSS and OpenAI's API**.
- Developed a **custom UI library with shadcn/ui**, enabling developers to streamline app development.

PROJECTS

Trading Platform ([GitHub](#))

April 2024

- Developed a **real-time trading platform** using **React, Express.js, and Tailwind CSS**, improving **load time** and **user engagement**.
- Integrated **real-time data APIs**, enhancing functionality and security.
- Collaborated with a team of 3, completing the project ahead of schedule and winning **3rd place** out of 50+ teams.
- Tech Stack:** ReactJS, Express.js, Tailwind CSS, Node.js, API Integration

AI-Driven Data Routing & Fault Prediction System

December 2023

- Developed an **AI-driven system** for data routing and fault prediction, achieving **93% recall** and **99% accuracy**.
- Enhanced operational efficiency and reduced downtime in critical applications.
- Evaluated and refined algorithms and input features to improve system accuracy using **outlier detection methods**.
- Tech Stack:** XGBoost, Q-learning, Matplotlib, Pandas, Routing Algorithms

ACTIVITIES

Event Coordinator | Udyam'24: Organized a web development and competitive programming event, conducted workshops, and organized a hackathon on Devfolio with participation from 50+ teams.

Tech Executive | Synergy Cell: Developed and maintained SNTC's official website, ensuring functionality, usability, and branding consistency using Next.js and Tailwind CSS.

ACHIEVEMENTS

- Codeforces Expert** (Max rating: 1641), solved 800+ problems (ID: [Shubham_Jaiswal](#))
- Secured rank 511 in Google Code jam 2023 Farewell Round A.
- Inter IIT Grad Capital High Prep PS Participant:** Actively contributed to developing a **Flutter prototype** for a startup idea showcased at Inter IIT Tech Meet 11.0.
- Coding Ninjas Master** with 500+ problems solved, achieved May 2023 **monthly college topper** badge ([profile](#)).