Subhranshu Jha

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PROFILE

Curious and detail-oriented IT student with hands-on experience in full-stack web development and problem-solving through DSA.

EDUCATION

Government Engineering College Gandhinagar
Bachelor of Engineering in Information Technology (2023 – 2027)

- Current CPI: 9.16

- **Relevant coursework:** Data Structures & Algorithms, Object-Oriented Programming with Java, Operating Systems, Database Management Systems, Computer Networks, Web Technologies, Software Engineering, Artificial Intelligence

TECHNICAL SKILLS

Frontend: JavaScript, ReactJS, Redux

Backend: Node.js, Express.js, TypeScript, Python

DevOps: AWS

Database: MySQL, MongoDB

Data & Analytics: Data Visualization (Matplotlib, Seaborn), Data Manipulation (Pandas, NumPy), Jupyter Notebook

EXPERIENCE

CSRBOX
Data Analyst – Intern
Remote (24 June 2024 – 5 August 2024)

- Performed end-to-end data analysis using Python and Excel to extract insights that informed key decisions.
- Built a predictive model for a social impact capstone project on Covid-19, applying analytics to real-world challenges.
- Earned IBM Skills Build & CSRBOX certification, strengthening data storytelling and presentation skills under mentorship.

PROJECTS

PaySwift – A MERN-based Digital Wallet Application
Tech Stack: React, Node.js, Express.js, MongoDB, Firebase Auth, Redux Toolkit

- Developed a simplified digital wallet application inspired by Paytm, focusing on core functionalities like secure login, wallet balance management, and peer-to-peer fund transfers

- Created RESTful APIs using Express.js to handle wallet operations and transaction records, stored securely in MongoDB.

- Developed a responsive frontend with React and managed user state using React Context API.

QuickCart Lite – Local E-Commerce App
Tech Stack: React, Redux Toolkit, Firebase Authentication, Node.js, Express.js, MongoDB

- Developed a simple e-commerce web application with user authentication, product browsing, cart functionality, and mock order placement.
- Implemented frontend using React and Redux Toolkit, with Firebase Authentication for secure user login and session handling.
- Built backend APIs with Node.js and Express.js to manage products and orders and used MongoDB to store and retrieve data.

CERTIFICATIONS

- Data Fundamentals *(link)*

- Java Programming *(link)*

- *Project Management Fundamentals (link)*