

SOHAN BANDARY

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Education

Indian Institute of Information Technology, Gwalior

12/2020 – 05/2025 (Expected)

Dual Degree in Bachelor of Technology (IT)

Technical Skills

Languages: JavaScript, TypeScript, Go/Golang, Python, Bash, C/C++.

Tools and Frameworks: Linux, Node.js, React.js, Next.js, Docker, Express, Firebase, Git.

Databases: SQL: MySQL, PostgreSQL; NoSQL: MongoDB; Redis.

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure.

Automation: GitHub Actions, GitLab CI/CD, BitBucket CI/CD.

Experience

Software Engineer Intern

07/2024 – Present

TurboHire | [Homepage](#)

Hyderabad, TS; Remote.

- Optimized **React** public pages by adding entry points and removing unused dependencies, reducing load time from **12s to 5s (58% faster)** and resource usage from **13.8MB to 8.3MB** for **80+** global clients.
- Prevented hyperlink injection in email notifications, improving **.NET application** security.
- Enhanced application performance using **React-window** virtualization, resulting in 15% improvement in rendering speed for large datasets.

SDE Intern

10/2023 – 06/2024

Kinetic Codes | [Homepage](#)

Prayagraj, UP; Remote.

- Implemented the **Bull Job scheduler**, improving product syncing efficiency by **25%** from Metrc-API.
- Managed **10+ CI/CD pipelines** for microservices and applications on **AWS Lambda, EC2**, and **ECS** using **GitHub Actions** and **Bash scripts**.
- Integrated a third-party **Authorize.net** payment gateway to support subscription-based payments.

SDE Intern

09/2022 – 04/2023

Techforce.ai | [Homepage](#) | IT Solutions

Hyderabad, India; Remote.

- Revamped React **folder navigation** for **Accenture Widget Application**, reducing redundant API calls by **50%**.
- Fixed corrupt PDF downloads affecting **300+ files** using **pdf-flatten** for Inland Real Estate.
- Reengineered the conversion, merging and downloading **PDF files** using **jspdf** and **pdf-merger-js** increasing efficiency by **38%**.

Projects

CodeBox: A Scalable, Dockerized Code Execution Sandbox | AWS Lambda, Docker

12/2022 – 01/2023

- Developed Docker-based sandbox to run code in an isolated and secured environment supporting languages like **C, C++, Python, Java & JavaScript**.
- Containerized the application with **Docker**, incorporating all dependencies, and refined **AWS Lambda** functions using Docker images, cutting deployment time by **40%** and improving scalability.

Quadratic Crowd Funding | Solidity, Truffle, React.js

01/2022 – 01/2022

- Developed a decentralized crowdfunding platform on **Ethereum** within the Decentralized Finance (DeFi) sector.
- Applied the **Quadratic Finance Algorithm** to automate crowdfunding campaign matching with sponsor funds, decreasing manual effort by **75%**.

Achievements / Positions of Responsibility

- Mentored **14 teams** in building winter projects, resulting in 11 successful project completions across Web, Cloud, CN and other domains.
- Led **GDSC-IIITM**(Google Developer Student Clubs) as **Cloud Computing Head** for 1 year.
- Facilitated a 2-days workshop on **Git & GitHub** for **150+ students** at **ABV-IIITM**.
- Recognized as a **top contributor** in **Git-init-FOSS**, hosted by AASF's technical forum.