

# SOHAN BANDARY

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

## Education

Indian Institute of Information Technology, Gwalior

Expected May 2025

Dual Degree in Bachelors of Technology in Information Technology

## Experience

### Software Engineer Intern

July 2024 – Present

TurboHire | [Homepage](#) | Talent Acquisition Platform | 18+ Enterprise | B2B

Hyderabad, India; Remote

- Optimized public page resources in **React** by implementing multiple entry points and removing unused dependencies, reducing load time from **12s to 5s** and resource usage from **13.8 MB to 8.3 MB**, impacting **80+** global clients.
- Identified and mitigated security vulnerabilities by implementing measures to prevent hyperlink injection in email notifications in **.NET** application.
- Improved application performance by implementing virtualization for efficient rendering of large data sets using **react-window**

### Software Development Intern

October 2023 – June 2024

Kinetic Codes | [Homepage](#) | IT Solutions

Prayagraj, UP, India; Remote

- Enhanced user experience by implementing the **Bull Job scheduler**, resulting in a **25%** improvement in product syncing efficiency from Metrc.
- Setup **10+** deployment lifecycles and **CI/CD pipelines** for various micro-services and applications on **AWS Lambda**, **AWS EC2** and **AWS ECS** using **Github Actions** and **Bash Scripts**.

### Software Development Intern

September 2022 – April 2023

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

Hyderabad, India; Remote

- Enhanced React **folder navigation** for **Accenture Widget Application** cutting down redundant API calls by **1.5X**
- Troubleshooted corrupt PDF downloads which impacted **300+ files** using **pdf-flatten** for **Inland Real Estate**
- Streamlined the conversion, merging and downloading **PDF files** using **jspdf** and **pdf-merger-js** resulting in **38%** increase in overall efficiency

## Technical Skills

**Languages:** JavaScript, TypeScript, 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

## Projects

### CodeBox: A Scalable, Dockerized Code Execution Sandbox | AWS Lambda, API Gateway, Docker January 2023

- Developed Docker-based sandbox to run code in an isolated and secured environment supporting languages like **C**, **C++**, **Python**, **Java** & **JavaScript**.
- Orchestrated the containerization of the application using Docker, encapsulating all essential dependencies; leveraged the Docker image to optimize AWS Lambda functions, resulting in a **40%** reduction in deployment time and enhancing scalability

### Quadratic Crowd Funding | Solidity, Truffle, React.js

January 2022

- Developed a decentralized crowdfunding platform in the Decentralized Finance (DeFi) space built on **Ethereum**
- Implemented the **Quadratic Finance Algorithm** to automate crowdfunding campaign matching with corresponding sponsor funds, reducing manual effort by **75%**.

## Achievements

- Winter Project **mentor** guiding **14** teams to build projects on domains such as Web, cloud, CN, etc - December 2023
- Top open source contributor in **git-init-foss** conducted by institute's technical forum **AASF** - October, 2021
- Secured **1st position** in **Webkriti** conducted **AASF** - July, 2021

## Positions of Responsibility

- Cloud Computing** head at **GDSC-IIITM** (Google Developer Student Clubs) September 2022 - July 2023
- Facilitated a 2 days workshop on **Git & GitHub** for **150+ students** at **ABV-IIITM** - March, 2022