

SOHAN BANDARY

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Education

Indian Institute of Information Technology, Gwalior

December 2020 – May 2025 (Expected)

Bachelors of Technology (IT) and Masters of Business Administration

Madhya Pradesh, India

Experience

SDE Intern

April 2024 – June 2024

Kinetic Codes | [Homepage](#)

Prayagraj, UP; Remote

- Implemented **Metrc API** key-based authentication to support onboarding legalized cannabis on the **WeedX** platform.
- 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**.

SDE Intern

September 2022 – April 2023

Techforce.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

Full Stack Developer Intern

February 2022 – August 2022

Craftnotion | [Homepage](#)

Hyderabad, India; Remote

- Established an **extension server** that seamlessly integrates with the pre-existing **Rehive** platform, allowing for the systematic collection of miscellaneous details from **Admin API**.
- Created a highly-functional REST API leveraging **AdonisJs** and **MySQL**, facilitating survey administration by the ground team for Merchants and Drivers, accommodating a substantial user base exceeding **10, 000 users**.

Technical Skills

Languages: JavaScript · TypeScript · HTML/CSS · Python · C/C++

Developer Tools: Linux · Git · GitHub · Docker · NGINX · AWS EC2 · Lambda

Frameworks | Libraries: NodeJS · AdonisJS · ExpressJS · ReactJS · ReduxJS · NextJS · GraphQL · PostgreSQL · MongoDB · MySQL · Material-UI

Projects

Remote-Code-Executor | AWS Lambda, AWS API Gateway, Docker, Next.js

January 2023

- Developed Docker-based sandbox to run code in an isolated and secured environment. It supports 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 / Positions of Responsibility

- Winter Project **mentor** guiding **14** teams to build projects on domains such as web, cloud, CN etc - December, 2023
- 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
- 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