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, Go-lang, Python, Bash, MarkDown, Rust, 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

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