ADITYA SAHU   adityasahu1511.alwaysdata.net
adityasahu1511@gmail.com   linkedin.com/in/adityasahu1511
+1 (774) 518-0770   JavaScript, Python, C++

EXPERIENCE

Signzy Technologies   November 2020 – June 2023
Software Engineer, Bengaluru, India
- Development, maintenance, and ownership of around 55 APIs being used by 100+ business clients.
- Programmed 6 most consumed APIs which generated around 30% of revenue in the year 2021.
- 76% cost-reduction and increased reliability using code optimization across the top 20 APIs by usage annually.

LibreOffice   June 2020 – August 2020
Google Summer of Code 2020 Participant with LibreOffice, Remote
- Completed the project "Move Gallery Code to Use ZIP Files" for the open-source office suite **LibreOffice.**
- Written over **3000 lines of code** using **C++** to achieve the goal and replaced the old mechanism for storing binary files.

Spade Infotech   June 2019 – August 2019
Software Development Engineer Intern, Gurugram, India
- Developed *full-stack web application based on blockchain* by using **Express.js** and **Bootstrap**
- Added *offline access* feature in *Ionic mobile application* using **SQLite** and **AngularJS**
- Researched *JHipster* code generator for CRUD operations and implemented microservices architecture for a project.

EDUCATION

- **University of Massachusetts Dartmouth, MA**   **(Expected) May 2025**
  Master of Science, Computer Science
- **GGSIP University, New Delhi, India**   **May 2020**
  Bachelor of Technology, Computer Science & Engineering, 8.01/10 CGPA

SKILLS

- **Frameworks / Tools**: Express.js (Node.js), Fastify, Loopback, Git, Flask, OpenCV, Web3.js, Beautiful Soup, MongoDB, MySQL
- **Languages**: C, C++, Python, JavaScript, Solidity, SQL

PROJECTS

Project OpAlert   **August 2019**
Created a full stack web application to notify students about the job opportunities at campus using web crawling.
- Deployed the application on *Google App Engine* cloud platform. Stack used: Python, HTML5, CSS, JS
- Received more than 50 subscribers and sent over 2000 notification alerts in the first three months of its launch.

Track-Eth   **August 2018**
Developed a surveillance and tracking service to identify and track people based on facial recognition.
- Applied facial recognition to identify the specific person to be searched over video feed using *OpenCV.*
- Used Blockchain technology to send location data of the identified and make it immutable using *web3.py.*

Decentralized Voting System   **June 2018**
Built a voting web application to decentralize the voting process as part of the summer in-house project.
- Developed smart contract containing vote details using *Solidity* programming language.
- Written 25+ unit tests using *Mocha Test Framework* and deployed the project to *Rinkeby* network using *web3.js.*

ACCOMPLISHMENTS

- Secured **2nd Position** at *HACKIIIT'18* based on the practicality and high potential of the project developed during the event.
- Nominated as one of the 10 finalist teams for nationwide hackathon blockchain by *Consensys* at **IIT Delhi** in 2018
- Winner of the online cryptic hunt *Arcane'17* which was conducted by IGDTUW Delhi

VOLUNTEER ACTIVITIES

- **Open-source Contributor at *LibreOffice***   **January 2018 – PRESENT**
  Fixed and filed over 20 issues using knowledge of **C++** and ***Git VCS*** for bug fixing.
- **Technical Coordinator at IEEE ASET**   **May 2017**
  Directed IEEE team members to organize campus meet-ups, workshops, and technical events for two semesters.
- **Front-end Developer**   **March 2017**
  Developed front-end of the website for the annual college fest *Amitech'17* using HTML5, CSS and Bootstrap.