Mukul Lout

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LinkedIn — GitHub — GFG

Professional Summary

Infrastructure and Automation Engineer with 2 years of experience in HFT systems. Skilled in scripting, automation, and backend support using Python, Shell, and Selenium on Linux (CentOS). Capable of maintaining reliable infrastructure, automating workflows, and ensuring high availability of trading systems.

Experience

Infrastructure & Automation Engineer — CD Integrated Services Ltd., Ahmedabad Jul 2023 – Present

- Automated infrastructure tasks with Python and Shell scripts to reduce manual effort.
- Maintained production Linux servers and scheduled operations using cron jobs.
- Used Selenium for infrastructure-related browser automation.
- Supported internal backend tools by managing uploads and basic content updates.
- Collaborated with dev teams for deployments and system log monitoring.

Front-End Developer Intern — BeanByte Softwares Pvt Ltd. Jan 2023 – May 2023

- Developed interactive dashboards using JavaScript and data tables.
- Designed front-end components for business analytics tools.

Software Intern — IIIT Vadodara May 2022 – Jul 2022

- Built an Android app for personalized content delivery using Java and SQL Server.

Education

IIIT Vadodara B.Tech in Computer Science (2019–2023)
Air Force School, Jodhpur Senior Secondary (77%)

Skills

Programming: Python, Shell/Bash, JavaScript, Java, C++, PHP (basic)
Tools & Tech: Selenium, Git, Cron, Linux (CentOS), MySQL, Postman, Netlify
Soft Skills: Ownership, Communication, Reliability

Projects

MovieMania: Movie rental platform using ReactJS
Bank Management System: Full-stack banking app using ReactJS, Node.js, and MySQL
Netflix Clone: Static Netflix landing page using HTML, CSS, and JavaScript

Languages

English (Full Professional Proficiency), Hindi (Full Professional Proficiency)

Certifications & Activities

OBSCURA Club Member – Media & Event Production