

EDUCATION

Indian Institute of Information Technology, Lucknow (IIIT-L) 2020 - 2024
Bachelor of Technology in Information Technology (B. Tech) *Current CGPA: 8.6/10.0*

RELEVANT COURSEWORK

Courses: Advanced Programming Languages, Business Analytics, Cloud Computing, Computer Networks, Data Structures, Database Management System, Design and Analysis of Algorithms, Distributed Systems, Object-Oriented Methodology, Operating System, Probability and Statistics, Software Engineering, System Management.

Certifications: Modern JavaScript ES6 and Working with Big Query by Coursera

EXPERIENCE

Walmart Global Tech | *Software Development Intern* **May 2023 – June 2024**

- Developed a widely utilized tool at Walmart for tracking and overseeing the lifecycle of returned orders.
- Enhanced Walmart's Internal Platform tool by implementing a comprehensive system for managing dependency versions, secure identity key generation for CI/CD pipelines, and supervision of streamlined access and module governance.
- Developed comprehensive test cases from scratch to fortify legacy modules.
- Architected a backend gateway filter in Java Spring, reinforcing security measures and ensuring strict authorization protocols for sensitive APIs.

Zeko, formerly Qricle | *Frontend Development Intern* **January 2023 – March 2023**

- Crafted an interactive Mobile Web app and Manager's dashboard utilizing NextJS and cutting-edge frameworks.
- Elevated user engagement with responsive design and seamless interfaces, driving customer satisfaction.

Open Source Contributions | *Contributor* **December 2020 – Present**

- InternetArchive:** I contributed to frontend enhancements, simplifying backend code, and engaged in discussions regarding bug resolution and the future direction.
- AppWrite:** Enhanced user experience by actively contributing to AppWrite's Base and Supporting Project.
- CircuitVerse:** Elevated end-user experience by addressing issues and enhancing the Main CircuitVerse Directory.
- HacktoberFest 2022:** Advanced from Contributor in 2021 to Maintainer for HacktoberFest in 2022. Oversaw, assessed, and upheld code excellence and functionality in the world's largest open-source event.

PROJECTS

Drone Development and Data Classification [Patent Pending] **July 2022 – February 2023**

- Managed and led a government-funded project with a multidisciplinary team for the *Ministry of Science and Technology* and the Research Team of IIITL.
- Spearheaded the design and hardware assembly of an affordable, open-source Quad-copter(Drone) for agricultural data analysis using Machine Learning with Web App integration.

Integrated Raspberry Pi Server Ecosystem | *Unix, NGINX, Cloud SSH Tunneling* **December 2023**

- Developed a private Raspberry Pi and Linux server, ensuring secure remote access through NGINX and Nginx.
- Hosted a versatile cloud desktop accessible via the phone, doubling as a secure cloud drive.
- Hosted personal websites on a private server using Argo-tunnels, for improved website performance and security.

Faculty Recruitment Portal for IIIT-L | *HTML, CSS, JavaScript, Python, Django, PostgreSQL* **December 2021**

- As Frontend Lead, Developed a portal for candidates applying for positions at IIIT-L, ensuring long-term reliability.
- Platform utilized candidate details for consideration in the recruitment process.

SKILLS

Languages: C/C++, CSS, HTML, Java, JavaScript, Python, SQL, Swift, TypeScript

Tools and Frameworks: Angular, Atom, Bash, Bootstrap, ElectronJS, ExpressJS, Flask, Git, GitHub, IntelliJ IDEA, jQuery, Material, MongoDB, MySQL, NextJS, NodeJS, PostgreSQL, ReactJS, Shell, Tailwind CSS, TCP/IP, Unix/Linux, VS Code, Webpack, WaveSurferJS, zsh

ACHIEVEMENTS

- Accepted as Contributor in **Google Summer of Code 2022** with ScoreLabs
- Successfully organised multiple Workshops in IIIT-L to promote Open-Source
- CodeForces Expert** (Rating 1411), **CodeChef 4 Star**
- Ranked 7** in Codeforces Round 826
- Innovator Award** at *Hack-o-Fiesta 2022, IIIT-L Hackathon*

POSITIONS OF RESPONSIBILITY

- Core Member** - Google's Developer Student Club, IIIT-L **July 2022 - December 2023**
- Senior Member** - FOSS Wing, Axios - Technical Society, IIIT-L **March 2022 - June 2024**
- Technical Team Lead** - WCARL, Research Team, IIIT-L **September 2022 - June 2024**
- FOSS Advisor** - Hack-o-fiesta Hackathon, IIIT-L **December 2022 - January 2023**
- Senior Member** - Goonj, Drama Society, IIIT-L **July 2021 - December 2023**