

Mohammed Ufraan

Bachelors of Engineering
Lords Institute of Engineering and Technology

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EDUCATION

•Bachelor of Engineering in Computer Science and Engineering

2023-27

Lords Institute of Engineering and Technology, Hyderabad

PROJECTS

•Proofly Health Insights

Empowering individuals to manage chronic conditions with personalized health insights.

- Full-stack web application (3rd-semester project) for managing chronic conditions through personalized health data and real-time monitoring.
- Built with React.js, Next.js, Node.js, Express.js, WebSockets, and Firebase (AES-256 encryption). Deployed on Vercel.
- Project website: [Visit here](#).

•DATCOSA Website Redesign

Redesigned and deployed a modern website for DATCOSA, improving user experience and functionality.

- Re-engineered the DATCOSA website using **Vite.js** and **TypeScript**, migrating from a legacy HTML, CSS, and JavaScript codebase to a modern, type-safe, and maintainable architecture.
- Achieved a **40%** increase in positive user feedback compared to the previous version based on user surveys.
- Deployed the website on **Vercel**, ensuring fast loading times, high availability, and continuous deployment.
- Project website: [Visit here](#).

•Receipt Generator with Signature and QR Code

Web receipt generator with signature and QR code.

- Web application for generating receipts with signature capture and QR code functionality.
- Built with HTML Canvas, JavaScript, and Firebase. Deployed on GitHub Pages.
- Project website: [Visit here](#).

EXPERIENCE

•Web Engineering Lead

Oct 2023 - Jun 2024

Google Developer Student Club (GDSC - LIET)

Hyderabad

- Led web development initiatives for a **1000+** student club, focusing on JavaScript, frontend frameworks, and serverless backend technologies.
- Successfully managed and coordinated **10+** web development projects, resulting in a 15% increase in club event participation.

•Head of Public Relations

Apr 2024 - Oct 2024

Microsoft Students Club (MSC - LIET)

Hyderabad

- Served as a core team member and Head of Public Relations for a newly formed **Microsoft Student Club (400-600 students)**.
- Managed a **team of 15 delegates and 5 graphic designers**, fostering collaboration and effective teamwork.
- Secured **sponsorships** and built relationships with other clubs and organizations to increase club visibility and resources.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS

Libraries : C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Cybersecurity: Experience in cybersecurity practices, including penetration testing, vulnerability assessment, and using tools like Kali Linux to secure systems and networks.

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

POSITIONS OF RESPONSIBILITY

•Microsoft Learn Student Ambassador (MLSA) Microsoft - Hyderabad

Apr - Oct 2024

- Demonstrated leadership and technical expertise by conducting **5+** seminars for **200+** students, covering topics such as Web Development, Git & GitHub, and cybersecurity.
- Promoted the use of Microsoft technologies and learning resources among students through professional collaboration tools like Slack, Microsoft Teams, and GitHub.