

MOHAMMED UFRAAN

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EDUCATION

Bachelor of Engineering - CSE, Lords Institute of Engineering & Technology 2023 - 2027

Acquired foundational skills in AutoCAD 3D and C programming; independently advanced to master memory management, utility development, and driver writing.

Intermediate Education - PMC, Narayana Junior College 2021 - 2023

Acquired strong problem-solving abilities in algebra, along with proficient skills in Android development.

Secondary Education - CBSE, Delhi Public School 2010 - 2021

Developed a strong foundation in robotics using Arduino and IoT, achieving 8th place nationally in the NITI Aayog Atal Tinkering 2020 competition.

SKILLS

Languages Python, JavaScript, C++

Development MongoDB, Express.js, React.js, Node.js, TypeScript, RESTful APIs, Docker, Kubernetes

Cybersecurity Ethical Hacking, Network Security, Vulnerability Assessment

EXPERIENCE

Web Development Lead Jul 2023 - Jun 2024

Google Developer Student Clubs LIET

Apprenticeship

- Developed and implemented React and JavaScript-based web solutions.
- Authored technical and non-technical documentation.
- Oversaw a team of graphic designers, enhancing communication and project efficiency.

Public Relations Lead Apr 2024 - August 2024

Microsoft Students Club LIET

Apprenticeship

- Facilitated communication between the club and students, enhancing engagement.
- Leveraged BETA level **Microsoft Learn Student Ambassador** experience to build professional relationships.

PROJECTS

HealthPredict AI. Developed a health prediction and management platform using machine learning to predict potential health risks and provide personalized insights for chronic condition management. The platform leverages real-time monitoring and encrypted data security. Technologies used include React.js, Next.js, Node.js and Firebase. Project Live [Here](#) .View on GitHub [here](#).

Archivos: Student Resource Platform. Built with **React**, **Next.js**, and **Firebase**, offering access to academic resources and custom timetables. Attracted **800+** users and **3000+** monthly visits, supporting user uploads for community-driven content. Project Live [Here](#) .View on GitHub [here](#).

Secure Authentication Implementation. Implemented secure authentication and authorization mechanisms in a web application using OAuth 2.0 and JWT, ensuring compliance with OWASP security standards.

EXTRA-CURRICULAR ACTIVITIES

- Actively organized and led conferences and seminars on full-stack web development and cyber security as a [Microsoft Student Ambassador](#) (Apr 2024 - Oct 2024).
- Placed in the top 10 teams at a hackathon for creating a blockchain-based web app that improves charity transparency and fund management. The project uses Solidity, MetaMask, and Node.js to ensure secure and accessible transactions. View on Github [here](#).