

# Mohammed Irfan

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## EDUCATION

### ISL ENGINEERING COLLEGE

*Bachelor of Engineering in Computer Science*

Hyderabad, India

Oct. 2021 – June 2025

### Sri Chaitanya Jr College

*Intermediate(XII)*

Hyderabad, India

Aug. 2019 – Aug 2021

## EXPERIENCE

### Tech Support Trainee (Software Development Role)

Oct 2024 – Present

*Owaisi Group of Hospitals and Research Center (OHRC)*

*Hyderabad, India*

- Successfully transitioned from a Tech Support Trainee to a Software Developer Intern by demonstrating technical proficiency and problem-solving skills.
- Engineered a Flask-based data processing application, reducing manual Excel data analysis time by 70% through automated tabular and visualized summaries using Chart.js.
- Enhanced security and usability by implementing role-based access control, leading to a 40% improvement in data access efficiency for different user roles.
- Centralized data summaries from 12 departments, providing actionable insights to OHRC leadership, which accelerated decision-making by 50%.
- Streamlined workflows for key stakeholders, enabling instant data visualization through date-specific queries, reducing report generation time from hours to minutes.

## PROJECTS

### Summary Generator | *Flask, JavaScript, SQL, Chart.js* |

Oct 2024 – Present

- Automated daily data summarization by processing **7 different files** (OPD, IPD, OT, etc.), reducing manual workload by **80%**.
- Designed a user-friendly UI for date selection, enabling **100% faster** summary generation compared to manual processing.
- Implemented a Flask backend with MySQL storage, efficiently managing and retrieving **200+ records daily**.
- Integrated Chart.js for real-time data visualization, improving data interpretation and decision-making speed by **60%**.
- Enhanced operational productivity by eliminating manual file processing, saving **10+ hours per week** for administrative staff.

### ThoughtLens | *React, Appwrite, TinyMCE, Redux Toolkit* | [Live Site](#)

June 2024 – Present

- Built a dynamic blogging platform enabling users to sign up, log in, explore posts, and contribute content with text and images.
- Integrated TinyMCE for rich-text editing and used Redux Toolkit for efficient state management.
- Connected a ReactJS frontend with an Appwrite backend for secure authentication and data storage.

### Video Editor Portfolio Website | *HTML, CSS, JavaScript* | [Live Site](#)

Jan 2025 – Present

- Designed a sleek, dynamic portfolio website for a professional video editor, highlighting their expertise and creative work.
- Built an intuitive layout with seamless navigation and responsive design for optimal user experience across devices.
- The website successfully attracted new business, resulting in the client securing a new project shortly after launch.

### Currency Converter | *ReactJS, API Integration* | [Live Site](#)

Nov 2024 – Present

- Built a dynamic currency converter in ReactJS with real-time exchange rates using API integration.
- Designed an intuitive interface for selecting currencies and inputting amounts, ensuring ease of use.
- Demonstrated expertise in API handling and responsive design for seamless functionality across devices.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL (MySQL), JavaScript, HTML/CSS,

**Frameworks:** React, Node.js, Flask, Spring Boot, , Tailwind CSS, REST API

**Developer Tools:** Git, VS Code, IntelliJ, Eclipse