Mohammed Fazil Imaad

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EDUCATION

Reva University | bengaluru, India

B.Tech. in Artificial intelligence and Data Science Expected Graduation, May 2027

- **Concentrations:** Intelligence and Modeling/Simulations
- **GPA: 7.6/10.00**
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Software Engineering Virtual Job Simulation, JPMorgan Chase & Co. (Forage)
Completed August 2025

- Completed hands-on software engineering tasks simulating real-world financial technology challenges
- Implemented data visualization and analysis solutions using Python and financial datasets
- Gained exposure to investment banking technology systems and quantitative analysis workflows
- Enhanced understanding of financial markets technology and software development in the banking sector

Technology Virtual Job Simulation, Deloitte Australia (Forage)
Completed August 2025

- Completed a simulated consulting project involving software development, coding tasks, and client communication.
- Drafted a proposal for designing and implementing a technology dashboard tailored to client requirements.
- Gained practical insights into problem-solving, proposal writing, and the tech consulting workflow at Deloitte.

Junior Intern, RACE

Reva University | 2024–25

- Assisted faculty in managing LLM students' academic activities, including assignment tracking, attendance monitoring, and classroom coordination.
- Acted as a liaison between students and professors, supporting smooth academic operations.
- Developed administrative, organizational, and communication skills through hands-on experience in an academic environment.

PROJECTS

Gym Management System | [Flask, MongoDB, HTML/CSS, Python] | https://github.com/f4zill/gym-management-system

A full-stack web application to manage gym members, trainers, subscriptions, schedules, and equipment. Designed for seamless CRUD operations and scalable data management with a modern UI.

- Built a responsive Flask-MongoDB system supporting CRUD operations for 500+ member records and 5+ management tables
- Implemented .env-based configuration with secure credential handling and environment-specific deployment support
- Resolved SSL and deployment compatibility issues across local and cloud environments for reliable database connectivity

Chest X-ray Pneumonia Detection | [Flask, TensorFlow, Keras, HTML/CSS/JS] |

- Built and trained a deep learning model using MobileNetV2 to classify pneumonia from chest X-ray images with **92.5% validation accuracy**.

- Integrated a pre-trained Convolutional Neural Network (CNN) using TensorFlow/Keras to achieve accurate binary classification with confidence scores.
- Built a responsive single-page interface with glassmorphic design and JavaScript Fetch API for asynchronous image upload and live prediction display without page reload.

Note Taking Platform | [React, Node.js, CSS] | https://github.com/f4zill/note

An intelligent note-taking web application that helps users extract key insights from articles, notes, and text content. Built with modern web technologies to provide seamless content analysis and organization.

- Developed a responsive React frontend with intuitive text input interface and real-time insight extraction
- Integrated AI-powered text analysis to automatically identify and highlight key concepts, summaries, and actionable items
- Implemented clean, user-friendly design with organized layout for content input, processing, and results display

ACTIVITIES AND LEADERSHIP

Team Lead, Atria Hackathon
October 2024

- Led a team of 4 to the **Top 10** in a 24-hour hackathon hosted by Atria Institute of Technology.
- Developed a working prototype of a website under time constraints, demonstrating leadership, collaboration, and rapid problem-solving.
- Managed task delegation, progress tracking, and final demo presentation to evaluators.

Co-ordinator, FACE Art Club
Reva University | 2024–25

- Led and coordinated decoration efforts for multiple university events, showcasing creativity, planning, and execution.
- Gained hands-on experience in team collaboration and leadership, managing volunteers and ensuring timely delivery of event setups.
- Developed strong organizational and communication skills while working in a dynamic, creative environment.

SKILLS

Programming Languages
Python, JavaScript (ES6+), PHP, SQL, C

Web Development
HTML5, CSS3, React, Vite, Flask, PHP (XAMPP), REST APIs

Databases
MongoDB, MySQL

Machine Learning & AI
TensorFlow, Keras, NumPy, CNNs

Tools & Platforms
Git, GitHub, VS Code, Jupyter Notebook, Google Colab, Render, GitHub Pages