

ROHIT MENON

+44 7880114372 ◇ Sheffield, United Kingdom

rmenon2003@gmail.com ◇ [linkedin.com/in/rohit-menon-376216228](https://www.linkedin.com/in/rohit-menon-376216228)

OBJECTIVE

Highly motivated and ambitious university student dedicated to personal and professional growth, seeking to leverage my passion for learning and diverse skill set within a dynamic and esteemed organization. I am eager to secure a rewarding career opportunity where I can apply my acquired knowledge and skills effectively, making a substantial contribution to the company's success while continuously expanding my abilities

EDUCATION

Bachelor of Engineering, University of Sheffield Expected 2025

Relevant Coursework: Software Engineering, Robotics, Machine Learning, Java Programming, Web development.

CBSE Senior Secondary Education, Velammal Vidyalaya, Chennai, India 2019 - 2021

SKILLS

Technical Skills Java, JavaScript, Ruby, HTML, CSS, Python, SQL, Ruby on Rails

Soft Skills Communication, Presentation, Leadership, Time management, Analytical skills

EXPERIENCE

Global Engineering Challenge Jan 2023

Engineering Without Borders UK *University of Sheffield*

- Collaborated with a diverse and talented team to develop Innovative solution for community Improvement.
- Deepened technical knowledge and honed soft skills: presentation, leadership and time management
- Effectively conveyed complex technical concepts with clarity and confidence.

Engineering You're Hired Jan 2024

Engineering in Business Fellowships *University of Sheffield*

- Collaborated with a diverse team of six individuals to integrate technical, business, and sustainability considerations into the design of an electric aircraft solution.
- Developed a comprehensive strategy that addressed technical feasibility, market viability, and environmental sustainability, ensuring a holistic approach to the project.

PROJECTS

Edflix - Web Development project.

- Collaborated with a team of 6 to design and implement a web-based learning platform using HTML5 and CSS3 for the front-end, provide an intuitive and responsive user interface.
- Implemented the back-end functionality of the platform using Ruby and Sinatra, handling user authentication, course management, and routing to ensure a smooth user experience.
- Utilized SQLite3 as the database system to efficiently store and retrieve user profiles, course information and other relevant data, ensuring data integrity and performance.
- Solely responsible for the Implementation of secure user login feature and password reset functionality, as well as the implementation of advanced password encryption techniques to safeguard user credentials and sensitive Information, ensuring the platform's robust data security.

Chessboard Diagram classifier.

- Preprocess and load chessboard images dataset using Python.

- Implement PCA to reduce feature dimensionality and train a KNN classifier.
- Evaluate classifier performance and optimize parameters for improved accuracy.

IBM MQ Developer Essentials [IBM](#)

- Proficient in fundamental IBM MQ messaging concepts, capable of configuring queue managers and utilizing MQ objects like channels, queues, and topics.
- Skilled in developing JMS applications for high-level application integration, connecting to IBM MQ, and interacting with messaging objects.
- Capable of troubleshooting and debugging basic errors, as well as resolving connectivity issues related to IBM MQ.

Election Masters - Software development project

- Developed a student election system with Ruby on Rails, HTML, CSS, and JavaScript, focusing on client interaction and expectation management.
- Enhanced team collaboration and tackled practical challenges in constructing, managing, and deploying a medium-sized software project.
- Addressed professional issues such as security, privacy, and ethics, while providing comprehensive user documentation, training, and online support.

LANGUAGES

- English - Full Professional Proficiency
- Malayalam - Conversational Proficiency
- Tamil - Conversational Proficiency
- Hindi - Conversational Proficiency