

## Achyut Rimal

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### EDUCATION

**University of the West of Scotland**, MSc IT with Data Analytics (*Jan 2024 – Feb 2025*)

- Specialization: Data Analytics
- Completed: Distinction
- Relevant Coursework: Data Analysis and Visualization, DBMS, Machine Learning, and Artificial Intelligence

**International School of Management and Technology**, Affiliated to the University of Sunderland

**B.Sc. in Computer Science, Computer Systems Engineering** (*Graduated: 2022*)

- GPA: Upper Second-Class Honors
  - Relevant Coursework: Data Structures and Algorithms, Artificial Intelligence, Web Development, DBMS, Business Intelligence, Software Development Life Cycle, Project Management.
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### SKILLS

- **Programming Languages:** Python, SQL, Javascript, C#, Java
  - **Data Tools/Technologies:** Tableau, PostgreSQL, SSRS, Microsoft Access, Power BI
  - **Other Technologies:** Git Version Control, REST API
  - **Familiarity With:** Azure, AWS
  - **Soft Skills:** Adaptability, Critical Thinking, Problem-Solving, Attention to Detail, Teamwork, Communication, Time Management
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### PROJECTS

**Tesla's Stock Prediction with Elon Musk's Tweet Sentiment Analysis** (*Python, NLP, Machine Learning*)

- Conducted sentiment analysis on Elon Musk's tweets using **Natural Language Processing (NLP)** techniques.
- Integrated tweet sentiment data into a stock price prediction model to improve accuracy.
- Achieved significant accuracy improvements in predictive performance.

**Financial Analysis of a Banking System** (*Tableau, SQL, Orange*)

- Performed **Exploratory Data Analysis (EDA)** to identify key trends, metrics, and customer insights.
- Created interactive dashboards using **Tableau** for KPI calculations and data visualization.
- Automated data extraction, transformation, and analysis using **SQL** queries.

**Gold Price Predictor** (*Python, Machine Learning*)

- Designed an ML model to predict gold prices based on historical data.
- Applied data preprocessing, feature engineering, and model optimization techniques to enhance prediction accuracy.

**Fun Olympics** (*JavaScript, Django*)

- Built a video streaming platform with live playback features using **WebSockets** and Django.

**React Portfolio** (*React, CSS*)

- Created a personal portfolio website showcasing skills, projects, and work experience with responsive design.

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## WORK EXPERIENCE

### Supermarket Assistant – Waitrose and Partners

*High Road, Harrow Weald*

*April 2024 – Present*

- Delivered excellent customer service by assisting with inquiries and ensuring customer satisfaction.
- Operated tills efficiently and managed cash handling with accuracy.
- Restocked shelves and maintained a clean, organized shopping environment.
- Collaborated with team members to meet daily operational goals and address customer needs.
- Ensured compliance with health and safety standards.

### Office Administrator – Budget Plus Services Ltd.

*16 Buddings Cir Wembley HA9 9EL*

*February 2024 – April 2024*

- Proficiently manage client coordination tasks including inquiries, bookings, and assistance via calls and messages.
- Maintain accurate client databases using Excel, encompassing rental records, license data, payment history, and vehicle specifications.
- Conduct thorough vehicle inspections to ensure compliance with company standards and safety regulations.
- Actively contribute to enhancing organizational workflows and service delivery through proactive problem-solving and resource optimization.
- Foster positive relationships with clients, colleagues, and stakeholders through strong interpersonal skills and professionalism

### Front-End Developer – Murphys Technology

*Lalitpur, Nepal*

*December 2022 – November 2023*

- Designed and developed client websites, focusing on intuitive user interfaces and responsiveness.
- Led a team to create front-end components for e-commerce and business information websites.
- Collaborated with clients to transform specifications into functional, visually appealing designs.
- Maintained legacy websites, improving functionality and optimizing user experience.
- Ensured projects aligned with emerging development trends and best practices.

## LEADERSHIP EXPERIENCE

### Mentor – Murphys Technology April 2023 – November 2023

- Mentored and guided interns on front-end development best practices and project delivery techniques.
- Facilitated team integration into real-world project workflows to ensure productivity and performance.

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## INVOLVEMENTS

### IEEE Technical Workshop

- Actively participated as an assistant in the workshop “**Vehicular Technologies in the Artificial Intelligence Era.**”