

# Anas Syed

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## Summary

Dynamic and innovative software developer with extensive experience in Agile development and Test Driven Development methodologies. With prior experience in spearheading RELai's digital mental healthcare solution, I bring a practical perspective to transformative software solutions. I am enthusiastic about contributing to dynamic team environments, blending theoretical learning with hands-on experience. I am keen on leveraging my coding skills to make tangible impacts and drive innovation. I am excited about the opportunity to grow and learn in a professional setting.

## Education

### University of Central Lancashire

Sep 2022 - Jul 2026

BSc in Software Engineering

1st Class

🌐 [UCLan](#)

Relevant Modules:

- Games Concept (C++, TL Engine)
- System Analysis and DB Design (SQL, UML Diagrams, Agile development)
- Advanced Programming with (C++)
- Cross Platform Development (Flutter, Dart, TDD)
- Computational Thinking (Python, Algorithms)
- Software Development (C#, N Unit 4, Test Driven Development)

## Experience

### RELai

June 2023 - Present

AI R&D Engineer

Germany (Remote)

🌐 [RELai.one](#)

RELai is a digital mental healthcare solution (MHC) built using LLMs to make mental healthcare accessible, economical, and efficient. Providing multi-modal solutions, RELai goes beyond the limitations of LLM alone.

I played a pivotal role in enhancing RELai's effectiveness by identifying and fine-tuning LLM models, thereby increasing accuracy and efficiency based on prior optimization experiences.

Additionally, I integrated a speech recognition model and a speech response model, resulting in elevated user engagement and positive feedback. This integration facilitated a more natural and human-like interaction, surpassing the capabilities of traditional automated systems.

**Skills:** Python, Flask, Django, LLMs, TTS, STT, Hugging Face

### RELai

Jan 2023 - June 2023

Mobile App Developer

Germany (Remote)

🌐 [RELai.one](#)

I independently developed and delivered a prototype application within an unprecedented three-month time frame, demonstrating robust project management and technical proficiency while adhering to rigorous quality standards.

Furthermore, I spearheaded collaborative efforts within a cross-functional team to develop a mobile application using React Native. This involved coordinating with team members from various disciplines to ensure seamless integration and successful project delivery.

**Skills:** React Native, JavaScript, Jira, React

## Projects

### MovieDB

Flutter

🌐 [https://github.com/anasyd/movie\\_app](https://github.com/anasyd/movie_app)

Designed and developed MovieDB, a cross-platform mobile application using Flutter, to provide users with comprehensive information about movies. The development process followed a Test-Driven Development (TDD) approach, ensuring robust code quality from inception.

Utilizing the TMDB API, I seamlessly integrated features such as displaying trending movies and top-rated films, guaranteeing real-time data updates for users. Additionally, I incorporated user-friendly functionalities like theme switching and UI customization, empowering users to tailor the app to their preferences while adhering to TDD principles.

The app's sleek design and seamless functionality were recognized, garnering positive feedback for its intuitive user experience and robust performance, a testament to the efficacy of the TDD approach in ensuring quality outcomes.

### Burger Kiosk

C++

Developed a user-friendly command-line interface (CLI) program in C++ for a Burger Kiosk system. Implemented features for seamless credit management, efficient order placement, and error handling. Utilized file storage for data persistence and optionally incorporated user authentication. Received positive feedback for its intuitive design and smooth functionality.

### Bank Management System

Python + MySQL

Collaborated on a school team project to create a Python-based Bank Management software utilizing MySQL for efficient storage of member details. Enabled employees to manage accounts, facilitating operations such as account creation, search, deletion, and updating.

### Treasure Hunt App

Contributed as a vital team member in the creation of the Treasure Hunt app within a swift four-week window. Integrated location-based API data, enriching the immersive hunt experience. Alongside other competing teams developing their apps. Secured first place during the final testing day, showcasing our team's efficient app development process and winning performance.

### UCLan's First Hackathon

February 2024

Hackathon, Team Work

- Second Place in UCLan Hackathon: Earned second place in UCLan's first hackathon by developing an app to simplify university life. Focused on enhancing the attendance monitoring process for student mentors.
- TRPC for End-to-End Type Safety: Utilized TRPC to ensure end-to-end type safety, enhancing the app's reliability and streamlining the development process.
- Supabase Backend Integration: Implemented Supabase as a backend solution, providing a robust and scalable database for managing attendance data efficiently.
- Amazon SES and OAuth Integration: Integrated Amazon SES for email notifications and OAuth for secure Google login, improving user experience and communication

## Profiles

[LinkedIn](#)

[anasyd](#)

## Skills

### Frontend Development

React Native, React, Django, Flutter, HTML, CSS, Tailwind CSS, Next.js

### Backend Development

Flask, Firebase, MySQL, JWT authentication

### Other

Python, JavaScript, Dart, C++, C#, Git, GitHub, Agile Development, Problem-Solving, Adaptability

## Certifications

### Azure AI-900

Microsoft

## Languages

English

Urdu

Hindi