Tahmed Shamim

Details

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https://tahmed-shamim
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Profile

Final-year Computer Science (Software Engineering) student at Newcastle University with a strong foundation in software development and problem-solving. Skilled in many languages including Java, JavaScript, Python, and C, with experience building practical applications and working on collaborative projects. Highly motivated, adaptable, and eager to contribute my technical expertise and fresh perspectives in a graduate software engineering role.

Relative Experience

- **PlanaAI**
  A web application designed to simplify the planning permission application process for building developers through the use of AI. Currently, the application process is costly, inefficient and unreliable. Plana was created to tackle this.

  Language/Frameworks: TypeScript, React, SQL

- **TripMates**
  A mobile application designed to simplify group travel planning. It allows users to create and manage trips with friends from organising itineraries to discovering new ideas and locations

  Language/Framework: TypeScript, Expo, SQL

- **Xenon Bot**
  A licensed and successful client that creates a connection between the multiplayer game, 'Minecraft' and the social platform, 'Discord'. The Xenon client allowed users to operate an in-game minecraft character via discord chat messages, allowing for a reciprocal relationship between 2 completely different applications

  Language/Framework: JavaScript, Node, SQLite, MongoDB, JSON, YAML, FFmpeg

(further experiences/projects demonstrated in portfolio)

Employment History

Mixologist at Maldron Hotels
- Delivered high-quality customer service in a fast-paced environment, preparing and serving drinks to consistently high standards.

- Managed multiple tasks simultaneously while maintaining accuracy and efficiency.

- Developed strong interpersonal and communication skills by engaging with a wide range of guests.

Supervisor at Spice Village
- Oversaw daily operations, coordinated staff schedules, and ensured smooth service delivery.

- Trained and supported team members, fostering collaboration and efficiency.

- Resolved customer queries and issues quickly, demonstrating leadership and problem-solving skills.

Retail Assistant at Marks & Spencers
- Assisted customers with purchases, providing product knowledge and excellent service.

- Maintained stock levels and organisation, ensuring efficiency and attention to detail.

- Worked effectively in a team to meet targets and deliver a seamless customer experience.

Education & Certifications

Newcastle University

2023-2026
BSc (Hons) Computer Science (with Software Engineering)
- 1st year: 2:1
- 2nd year: 1:1
- Overall Grade: Predicted 1:1

Certifications

- **Accenture UK Developer and Technology Virtual Experience Programme - July 2025**

    - Completed the Developer and Technology Job Experience Programme where I developed an end to end understanding of the Software Development Lifecycle.
    - Conducted in-depth research into emerging technology trends, particularly in the field of DevOps, demonstrating a proactive approach to staying informed about the rapidly evolving tech landscape.
    - Created and delivered a compelling PowerPoint presentation analysing and comparing Waterfall and Agile methodologies.
    - Designed a custom algorithm using pseudocode and effectively communicated its logic by creating a detailed flow diagram.
    - Debugged a program written in Python by fixing syntax and logic errors in the code.

- **Citi ICG Technology Software Development Job Simulation - August 2025**

  - Completed a job simulation involving hypothetical tasks to improve Citi's loan management system and stock market risk reporting
  - Created a state diagram of the loan management process using the Unified Modeling Language (UML)
  - Researched potential machine learning systems to assess credit risk and provided recommendations for next steps
  - Used Java to build an internal tool visualizing stock market risk in real time

- **British Airways Data Science Job Simulation - September 2025**
  - Completed a simulation focusing on how data science is a critical component of British Airways' success.
  - Scraped and analysed customer review data to uncover findings.
  - Build a predictive model to understand factors that influence buying behaviour