

ALTHAF MUHAMMAD

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Summary

Aspiring software engineer pursuing a Bachelor of Science in Computer Science. Passionate about developing innovative software solutions, problem-solving, and optimizing system processes. Strong foundation in programming, data structures, and software development, complemented by hands-on experience in building scalable applications. Committed to continuous learning and applying technical expertise to real-world challenges

Education

University of Hertfordshire

Bachelor of Science (honors) in Computer Science

Relevant Coursework: Data Structures & Algorithms, Software Development, Computer Systems, Artificial Intelligence, Database Management, and Cybersecurity.

Projects

- ❑ **Weather App** – A responsive web application built with HTML, CSS, and vanilla JavaScript that fetches and displays current weather data and a 5-day forecast from the OpenWeatherMap API, with persistent recent-search history in localStorage.
- ❑ **To-Do List App** – An interactive task manager using HTML, CSS, and ES6+ JavaScript, supporting add/edit/delete operations, keyboard accessibility, and data persistence via localStorage for seamless user experience.

Work Experience

Shift leader-

10/2022 to Current Truckstop - South mimms, Hertfordshire Provided instructions and feedback to team during shifts. Trained new hires and set up mentoring relationships to drive team performance. Assigned tasks, projects and responsibilities to team members and monitored status

Technical Skills and Industry Knowledge

- **Programming Languages:** Python, Java, C++, JavaScript, SQL
- **Web Development:** HTML, CSS, React, Node.js, Django, Flask
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Tools & Technologies:** Git, Docker, Kubernetes, AWS, REST APIs, Firebase
- **Machine Learning & AI:** TensorFlow, OpenCV, NLP, Scikit-learn
- **Problem-Solving:** Algorithmic thinking, debugging, software optimization

Leadership / Extracurricular

- Member of [University of Hertfordshire Student Society or Club related to Computer Science, e.g., Coding Club or Robotics Team].