

# Alfie Atkinson

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Lincoln, Lincolnshire, United Kingdom

## PROFESSIONAL SUMMARY



**Postgraduate Software Engineer** with strong proficiency in **Python**, **JavaScript**, and **SQL**, as well as working knowledge of **C++**. Working with frameworks such as **Django**, **React**, and **Node.js**. Experienced in **Agile** development and **DevOps** practices, with proven ability in **troubleshooting** and **problem-solving** within team environments. Proficient in **Git** and planning, developing, maintaining, and optimising software solutions.

**Additional Information:** Willing to relocate, open to remote work, available to start in September 2025.

## SKILLS

- **Languages & Frameworks:** Python, JavaScript, C++, Django, React, Node.js, TailwindCSS, PostgreSQL
- **DevOps & Version Control:** Agile development, Git, Scrum, SDLC, CI/CD, Docker, Kubernetes
- **Other Tools & Technologies:** AWS, Unix/Linux, RESTful APIs,  $\LaTeX$ , VS Code, Microsoft 365
- **Other Skills:** Algorithms, Object-Oriented Programming, Test-Driven Development, User-Experience Design



## EXPERIENCE

- **B-Hive Innovations**  May 2024 – September 2024  
*Field Trials Technician (Temporary)* Lincoln, UK
  - Developed and debugged Python software applications for the TuberScan Venture project, improving user-experience, system reliability, and data accuracy in field trials by troubleshooting issues as they arose.
  - Leveraged Agile development, Scrum, and Jira within a small team to collaborate and manage tasks effectively.
  - Implemented version control using BitBucket, facilitating smooth CI/CD of new features.
- **Dollar Jeans**  January 2023 – March 2024  
*E-Commerce Technician* Lincoln, UK
  - Managed an SQL database of 15,000+ products and synced item information across platforms like eBay, Amazon, and Shopify using Veeqo.

## EDUCATION

- **University of Lincoln** September 2024 – September 2025 (Grad. April 2026)  
*Master of Science in Computer Science* Lincoln, UK
  - **Classification:** T.B.C (Current Average: 84%)
  - **Activities & Societies:** Computer Science Society
  - **Relevant Modules:** Advanced Software Engineering, Information Systems Security, Programming Principles
- **University of Lincoln** September 2021 – May 2024 (Grad. September 2024)  
*Bachelor of Science in Computer Science* Lincoln, UK
  - **Classification:** First Class with Honours
  - **Activities & Societies:** Computer Science Society, UKIEPC Participant
  - **Relevant Modules:** Advanced Programming, Algorithms and Complexity, Object-Oriented Programming, Parallel Programming, Scalable Database Systems, Team Software Engineering, User-Experience Design

## PROJECTS

- **Library Management System (C++)** October 2024 – January 2025 
  - Developed a console-based library management system with CRUD operations and data persistence.
  - Implemented Test-Driven Development with robust unit tests using Catch2 to proactively prevent issues.
  - Incorporated multithreading and networking capabilities for concurrent user operations and remote interactions.
- **Sentiment Analysis Tool (Python)** September 2023 – May 2024 
  - Developed a deep-learning software solution to find the sentiment surrounding a query on social media.
  - Optimised data pipelines to pre-process large volumes of data efficiently for training and predicting.

## CERTIFICATIONS

- **IBM:** [Full Stack Software Developer Professional Certificate](#) September 2024 – September 2025
- **IBM:** [DevOps and Software Engineering Professional Certificate](#) September 2024 – March 2025

## AWARDS

- **University of Lincoln:** [The Lincoln Award](#) September 2024 – March 2025