

# Alfie Atkinson

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Lincoln, Lincolnshire, United Kingdom

## PROFESSIONAL SUMMARY



**Postgraduate Full-Stack Software Engineer** with expertise in **Python, JavaScript, and SQL**, alongside hands-on experience with frameworks such as **Django, React, and Node.js**. Proven ability to deliver optimised solutions, troubleshoot complex issues, and contribute effectively to **Agile** teams. Strong understanding of version control with **Git**, **DevOps** practices, **CI/CD** pipelines, and **cloud technologies**.

**Additional Information:** Open to relocation and remote work opportunities, available from September 2025.

## SKILLS

- **Languages & Frameworks:** Python, JavaScript, C++, Django, React, Node.js, PostgreSQL, TailwindCSS
- **Cloud & DevOps:** AWS, Azure, Agile, Docker, Kubernetes, Git, CI/CD, SDLC
- **Software Development:** Version Control, Algorithms, OOP, TDD, A/B Testing, UX/UI Design
- **Other Tools & Technologies:** Unix/Linux, Bash, RESTful APIs, LaTeX, VS Code



## 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, resolving multiple critical reliability issues disrupting data collection and compromising the accuracy of results.
  - 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, syncing items across platforms like eBay, Amazon, and Shopify.

## 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
- **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

## 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.
  - Integrated multithreading and networking (using sockets) to enable concurrent user operations and remote interactions for a multi-user experience.
- **Sentiment Analysis Tool (Python)** September 2023 – May 2024 
  - Developed a deep-learning sentiment analysis tool with Python, using BERT to process social media data.
  - Optimised data pipelines with Pandas and NumPy to handle large datasets for model training and prediction.

## COURSES & CERTIFICATIONS

- **Forage:** [Blackbird Australia - Software Engineering Job Simulation](#) February 2025
- **Forage:** [Y Combinator - Working at a Startup](#) February 2025
- **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 – February 2025