Alfie Atkinson

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Lincoln, Lincolnshire, United Kingdom

PROFESSIONAL SUMMARY

Postgraduate Software Engineer with strong proficiency in **Python** and **C++**, alongside working knowledge of **JavaScript**, **C#**, and frameworks such as **React** and **Django**. Experienced in **Agile** development and **DevOps** practices, with proven expertise in **troubleshooting** and **problem-solving** within team environments. Proficient in version control tools like **Git** and experienced in 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, C++, SQL, JavaScript, C#, HTML/CSS, Django, React
- **DevOps & Version Control:** Agile development, Git, Scrum, SDLC, CI/CD, Docker, Kubernetes
- **Other Tools & Technologies:** Unix/Linux, LaTeX, VS Code, Catch2, Jira, 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: 92%)
  ◦ **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 user-friendly software solution to find the sentiment surrounding a query on social media. [⊕]
  ◦ Optimised data pipelines to handle large volumes of data efficiently.

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*