Alfie Atkinson

+44 7902 373715 | career@alfieatkinson.dev | alfieatkinson.dev

in linkedin.com/in/alfieatkinson | ○ github.com/alfieatkinson | </> leetcode.com/u/alfieatkinson

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, Vercel

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*