

# James Carter

Python Developer | London, UK

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## Summary

Experienced Python Developer with 5+ years of expertise in building scalable web applications and data pipelines. Proficient in Django, Flask, and data analysis with pandas and NumPy. Adept at delivering robust solutions in fast-paced environments, with a strong focus on clean code and agile methodologies.

## Skills

- Languages: Python, JavaScript, SQL
- Frameworks: Django, Flask, FastAPI
- Tools: Docker, Git, Jenkins, AWS
- Databases: PostgreSQL, MySQL, MongoDB
- Other: REST APIs, Agile, TDD

## Work Experience

### Senior Python Developer, TechTrend Innovations, London, UK

Jan 2022 – Present

- Developed and maintained high-performance REST APIs using Django and FastAPI, improving system response time by 30%.
- Led migration of legacy systems to microservices architecture with Docker and AWS, reducing deployment time by 40%.
- Mentored junior developers, conducting code reviews and implementing TDD practices.

### Python Developer, DataSync Solutions, London, UK

Jun 2020 – Dec 2021

- Built data pipelines with pandas and Airflow, processing 1M+ records daily for real-time analytics.
- Optimized database queries in PostgreSQL, cutting data retrieval time by 25%.
- Collaborated with cross-functional teams to deliver scalable web applications using Flask.

### Junior Python Developer, CodeZap Ltd, London, UK

Aug 2018 – May 2020

- Contributed to development of internal tools using Python and Django, automating workflows and saving 10 hours weekly.
- Integrated third-party APIs into existing systems, enhancing functionality for 50,000+ users.

## Education

### BSc Computer Science, University College London (UCL), London, UK

2015 – 2018

- Graduated with First-Class Honours.
- Final Project: Built a machine learning model for predictive analytics using Python and scikit-learn.

## Certifications

- AWS Certified Developer – Associate (2023)
- Professional Scrum Master I (2022)