






James Mitchell

Senior Python Developer

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PROFESSIONAL SUMMARY

Experienced Python Developer with 6+ years of expertise in building scalable web applications, APIs, and data processing systems. Proficient in Django, Flask, FastAPI, and modern Python frameworks. Strong background in cloud technologies, database optimization, and agile development practices. Proven track record of delivering high-quality solutions in fintech and e-commerce environments.

WORK EXPERIENCE

Senior Python Developer Mar 2022 - Present

TechFlow Solutions, London

- Led development of microservices architecture serving 100K+ daily users using Django REST Framework and Docker
- Optimized database queries reducing API response times by 40% and improved system scalability
- Implemented CI/CD pipelines with GitHub Actions, reducing deployment time by 60%
- Mentored junior developers and conducted code reviews ensuring high code quality standards

Python Developer Jun 2020 - Feb 2022

DataTech Analytics, London

- Built data processing pipelines using Python, Pandas, and Apache Airflow for financial analytics platform
- Developed RESTful APIs with Flask handling 10M+ requests monthly with 99.9% uptime
- Integrated third-party APIs and payment systems including Stripe and PayPal
- Collaborated with data scientists to deploy machine learning models using scikit-learn and TensorFlow

Junior Python Developer Sep 2018 - May 2020

StartupHub London, London

- Developed web applications using Django and PostgreSQL for e-commerce clients
- Implemented automated testing suites achieving 85% code coverage using pytest
- Created data visualization dashboards using Plotly and Chart.js for business intelligence
- Participated in agile development processes and daily stand-up meetings

TECHNICAL SKILLS

Programming Languages:

Python, JavaScript, SQL, HTML/CSS, Bash

Databases:

PostgreSQL, MySQL, MongoDB, Redis, SQLite

Testing & Tools:

pytest, unittest, Postman, Jupyter, PyCharm, VS Code

Frameworks & Libraries:

Django, Flask, FastAPI, Django REST, Pandas, NumPy

Cloud & DevOps:

AWS (EC2, S3, RDS), Docker, Git, GitHub Actions, Nginx

Other Technologies:

REST APIs, GraphQL, Celery, Apache Airflow, Linux

KEY PROJECTS

E-commerce Platform API

Django REST Framework, PostgreSQL, Redis, AWS

Built scalable REST API for multi-vendor marketplace handling inventory, orders, and payments with 99.9% uptime.

Financial Data Processing Pipeline

Python, Apache Airflow, Pandas, MySQL

Developed automated ETL pipeline processing 1M+ financial transactions daily with real-time fraud detection.

Analytics Dashboard

Flask, Chart.js, SQLAlchemy, Docker

Created interactive business intelligence dashboard with real-time metrics and automated report generation.

EDUCATION

BSc Computer Science 2015 - 2018

University College London (UCL)

Second Class Honours (Upper Division)

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2023)
- Python Institute PCAP - Certified Associate (2021)
- Django Web Framework Certification - Udemy (2020)