

PROFESSIONAL SUMMARY

Seasoned software engineer with more than a decade of experience in designing and developing scalable web applications. Passionate about building clean, maintainable code and driving best practices in software development. Experienced in leading teams, mentoring developers, and collaborating with cross-functional teams to deliver high-quality solutions.

Development • Python • Django • ReactJS • TypeScript • Node.js
Database • PostgreSQL • MySQL • Redis
Testing • PyTest • Jest • Cypress • Selenium
Version Control • Git • GitHub • GitLab
Platforms/OS • AWS • Google Cloud • Linux

WORK EXPERIENCE

Senior Software Engineer

CloudCore Solutions / London, United Kingdom **March 2021 - Present**

- Led the migration from a monolithic system to a microservices architecture, significantly improving scalability and performance.
- Designed and implemented a serverless data processing pipeline using AWS Lambda and S3, reducing operational costs by 30%.
- Established CI/CD workflows for automated deployments and testing.

Skills • Django • React • GraphQL • AWS Lambda • PostgreSQL • Docker • Terraform

Lead Backend Engineer

FinEdge Technologies / Manchester, United Kingdom **May 2018 - February 2021**

- Spearheaded the development of a real-time financial analytics platform, handling millions of transactions per second.
- Improved API response times by optimizing database queries and implementing Redis caching.
- Led a team of backend engineers, conducting code reviews and mentoring junior developers.

Skills • Python • FastAPI • PostgreSQL • Redis • Kafka • Kubernetes • Jenkins

Software Engineer

NextGen Media / Birmingham, United Kingdom **July 2015 - April 2018**

- Developed a high-traffic video streaming platform, implementing WebSockets for real-time interactions.
- Built a recommendation engine using machine learning models to personalize user content.
- Automated deployment processes with AWS CodePipeline and Docker.

Skills • Node.js • Express.js • MongoDB • WebSockets • AWS

EDUCATION

Bachelor of Science in Computer Science

Brighton Institute of Technology / Brighton, United Kingdom **May 2013**

- Awarded a scholarship for outstanding academic performance.