

John Doe

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| London, UK

Summary

Highly motivated and results-driven Software Engineer with **5 years** of experience in designing, developing, and deploying scalable software solutions. Proficient in **Python, React, and AWS** with a strong understanding of **cloud-native architectures and full-stack development**. Eager to contribute to innovative projects within a dynamic UK tech environment.

Skills

Programming Languages: Python, JavaScript, TypeScript, Go, Java, SQL **Frameworks & Libraries:** React, Node.js (Express), Django, Flask, Next.js, Spring Boot **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, SQS, SNS), Azure **Databases:** PostgreSQL, MongoDB, Redis **DevOps & Tools:** Docker, Kubernetes, Git, Jenkins, GitLab CI, Jira, Confluence, Terraform **Methodologies:** Agile (Scrum), Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD), Microservices **Other:** RESTful APIs, Data Structures & Algorithms, Object-Oriented Programming (OOP), System Design

Work Experience

Software Engineer | Tech Innovations Ltd. | London, UK

September 2022 – Present

- Developed and maintained robust backend services using **Python/Django**, improving data processing efficiency by **30%** for key business operations.
- Implemented new features for a customer-facing web application using **React and TypeScript**, resulting in a **20%** increase in user engagement and conversion rates.
- Designed and optimised RESTful APIs, handling **50,000+ requests/minute** with high availability and low latency, reducing average response time by 15%.
- Collaborated with cross-functional teams (product, design, QA) in an Agile Scrum environment to deliver high-quality software releases on schedule.
- Contributed to CI/CD pipeline improvements using **Jenkins and Docker**, reducing deployment time by **40%** and increasing deployment frequency.
- Participated in code reviews for over 100 pull requests, providing constructive feedback and ensuring adherence to coding standards and best practices.

Junior Software Developer | Digital Solutions Co. | Manchester, UK

July 2020 – August 2022

- Assisted in the development of **internal CRM tools** using **Java and Spring Boot**, streamlining internal workflows and improving data accuracy.
- Wrote and maintained comprehensive unit and integration tests, contributing to a **15%** reduction in production bugs and improved system stability.
- Gained extensive experience with version control systems (**Git**) and collaborative development practices, including branching strategies and pull requests.
- Researched and integrated third-party APIs (e.g., payment gateways, analytics tools) to enhance application functionality and user experience.

Education

M.Sc. Computer Science | University College London (UCL) | London, UK

September 2019 – July 2020

- Dissertation: "Optimising Microservice Communication Patterns using Event-Driven Architectures"
- First Class Honours

B.Eng. Software Engineering | University of Manchester | Manchester, UK

September 2016 – July 2019

- Relevant modules: Advanced Algorithms, Database Systems, Web Development, Cloud Computing
- Upper Second Class Honours (2:1)

Projects

TaskFlow Pro | React, Node.js, PostgreSQL, AWS Lambda

- Developed a full-stack task management application with real-time updates and user collaboration features.
- Implemented secure user authentication (JWT), role-based access control, and a responsive UI.
- Deployed backend services using AWS Lambda and API Gateway, and frontend on AWS S3 with CloudFront.
- github.com/johndoe-dev/taskflow-pro | taskflow-pro.netlify.app

WeatherInsight API | Python, Flask, MongoDB, Docker

- Created a RESTful API to aggregate and serve weather data from multiple external sources.
- Designed and implemented data caching mechanisms to improve API response times by 50%.
- Containerised the application using Docker for easy deployment and scalability.
- github.com/johndoe-dev/weatherinsight-api

Certifications

- **AWS Certified Solutions Architect – Associate** | Amazon Web Services | October 2023
- **Certified ScrumMaster (CSM)** | Scrum Alliance | March 2022