

John Doe

Senior Software Engineer

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📍 London, United Kingdom

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👤 johndoe

SKILLS

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

LANGUAGES

- English
- Spanish
- French

INTERESTS

- Yoga
- Travelling

About

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.

Experience

• Senior Software Engineer

CloudCore Solutions London, United Kingdom 3/2021 - Present

Key Technologies

Django React GraphQL AWS Lambda PostgreSQL Docker

Terraform

- ▶ 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.

• Lead Backend Engineer

FinEdge Technologies Manchester, United Kingdom 5/2018 - 2/2021

Key Technologies

Python FastAPI PostgreSQL Redis Kafka Kubernetes

Jenkins

- ▶ 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.

- Photography
- Hiking
- Chess
- Reading
- Cooking
- Gardening
- Running
- Fitness
- Volunteering

- **Software Engineer**

NextGen Media

Birmingham, United Kingdom

7/2015 - 4/2018

Key Technologies

- Node.js Express.js MongoDB WebSockets AWS

- ▶ 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.

Projects

E-commerce Analytics Platform

[View Project](#)

Developed a comprehensive full-stack web application for real-time sales analytics and inventory management. The platform features interactive dashboards, automated reporting, real-time inventory tracking, predictive analytics for sales forecasting, and integration with multiple payment gateways.

- React Python PostgreSQL Redis Docker

Open Source Task Scheduler

[View Project](#)

Created a distributed task scheduling library with Redis backend that supports job queuing, task prioritization, retry mechanisms, and dead letter queues. Features include task dependencies, scheduling with cron expressions, real-time monitoring dashboard, horizontal scaling capabilities, and fault tolerance with automatic task recovery.

- Python Redis Celery Docker

Education

Bachelor of Science in Computer Science in Software Engineering

Brighton Institute of Technology

Brighton, United Kingdom

- ▶ Awarded a scholarship for outstanding academic performance.

Certifications

AWS Certified Solutions Architect

8/2022

Amazon Web Services

Certified Kubernetes Administrator

11/2021

Cloud Native Computing Foundation

Awards

Employee of the Year

12/2023

CloudCore Solutions

Recognized for outstanding contribution to team performance and technical innovation

Best Final Year Project

5/2013

Brighton Institute of Technology

Awarded for developing an innovative machine learning algorithm for image recognition