

# John Doe

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## 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.

## WORK EXPERIENCE

### CloudCore Solutions

Senior Software Engineer

March 2021 - Present

London, United Kingdom

- 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.

### FinEdge Technologies

Lead Backend Engineer

May 2018 - February 2021

Manchester, United Kingdom

- 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.

### NextGen Media

Software Engineer

July 2015 - April 2018

Birmingham, United Kingdom

- 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.

## EDUCATION

### Brighton Institute of Technology

Bachelor of Science in Computer Science

May 2013

Brighton, United Kingdom

- Awarded a scholarship for outstanding academic performance.

## PROJECTS

### E-commerce Analytics Platform

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.

**Technologies:** React, Python, PostgreSQL, Redis, Docker

<https://github.com/johndoe/ecommerce-analytics>

### Open Source Task Scheduler

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.

**Technologies:** Python, Redis, Celery, Docker

<https://github.com/johndoe/task-scheduler>

## SKILLS, INTERESTS

**Skills:** • Development • Database • Testing • Version Control • Platforms/OS

**Interests:** • Yoga • Travelling • Photography • Hiking • Chess • Reading • Cooking • Gardening • Running • Fitness • Volunteering