John Doe

Senior Software Engineer

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johndoe | john-doe | London, United Kingdom

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.

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

EXPERIENCE

Senior Software Engineer at CloudCore Solutions   3 2021 -

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.

Lead Backend Engineer at FinEdge Technologies   5 2018 - 2 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.

Software Engineer at NextGen Media   7 2015 - 4 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

Bachelor of Science in Computer Science in Software Engineering - Brighton Institute of Technology   - 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.
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.
Python, Redis, Celery, Docker
https://github.com/johndoe/task-scheduler

CERTIFICATIONS

AWS Certified Solutions Architect - Amazon Web Services (8 2022)
https://aws.amazon.com/verification/ABCD1234EFGH5678

Certified Kubernetes Administrator - Cloud Native Computing Foundation (11 2021)
https://training.linuxfoundation.org/certification/verify

AWARDS

Employee of the Year - CloudCore Solutions (12 2023)

Recognized for outstanding contribution to team performance and technical innovation

Best Final Year Project - Brighton Institute of Technology (5 2013)

Awarded for developing an innovative machine learning algorithm for image recognition

PUBLICATIONS

Microservices Architecture Patterns for Scalable Web Applications - Tech Journal Quarterly (3 2023)
https://techjournal.com/articles/microservices-patterns

Optimizing Database Performance in High-Traffic Applications - Software Engineering Today (9 2022)
https://se-today.com/db-optimization

CONFERENCES

AWS re:Invent 2023 - Attendee (11 2023)

Attended sessions on serverless architecture and machine learning

PyCon UK 2022 - Speaker (9 2022)

Presented on "Building Scalable APIs with FastAPI and PostgreSQL"

VOLUNTEERING

Code for Good - Technical Mentor (6 2020)

Mentoring young developers and contributing to open-source projects for non-profits

Local Food Bank - Technology Volunteer (3 2019)

Developed a volunteer scheduling system to improve operational efficiency

LANGUAGES

English   Spanish   French

INTERESTS

Yoga   Travelling   Photography   Hiking   Chess   Reading   Cooking   Gardening   Running   Fitness

Volunteering