

Darius Duta

Software Engineer

Passionate software engineer with four years of experience. Having completed 5 AWS certifications this year, I am now looking to join a diverse team and take on new challenges in the field of software development.

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WORK EXPERIENCE

Software Engineer Twine

2020 – 2021 *Manchester (Remote)*

Online platform of jobs and contracts for freelancers

Achievements

- Decreased the item tagging time by 60% by introducing an automatic labeling system.
- Increased customer base by 23% following a series of dedicated sales campaigns.
- Promoted to *Interim Lead Software Engineer*, I have taken the role of the scrum master in my team.

Software Developer Lumico Digital

2017 – 2019 *Southampton (Hybrid)*

Agency working with multiple clients and projects

Achievements

- Won the Sales Assistant of the Month award three times in six months.
- Proposed and successfully implemented a workshop to improve the team work in the Sales Department.

CERTIFICATES

AWS DevOps Engineer – Professional (2022)

AWS Solutions Architect – Professional (2022)

SCRUM Master (2018)

EDUCATION

BSc Computer Science University of Southampton

2016 – 2019 *1st class*

A-Levels / Baccalaureate 'Tudor Vianu' National College of Computer Science

2012 – 2016 *A*A*A**

TECHNICAL SKILLS

AWS

Cloud Automation

ReactJS

TypeScript

JavaScript

Laravel

PHP

Python

DevOps

Linux

Scripting

PERSONAL SKILLS

Communication

Teamwork

Adaptability

Problem Solving

Critical Thinking

Continuous Improvement

PROJECTS

Chemistry learning app – personal project (2022)

- Integrated Notion's database API to build a custom CMS solution that helps people get into medical school
- The entire solution is hosted on AWS (RDS, ECS, CloudFront) and is managed by AWS CDK as IaC
- The code is automatically tested & deployed by GitHub Actions (CI/CD)
- A job queue (via Redis) is used by the back-end (NestJS) to update the content from Notion and serve it to the front-end (NextJS) via a GraphQL API
- It currently serves around 80 students

Semantic data streaming – 3rd year project (2019)

- Developed a system capable of streaming RDF data to the browser via WebSockets, which could be visualised and queried by users via a ReactJS app
- The RDF data could be queried in real-time by using both SPARQL and Apache Kafka's native functionality

LANGUAGES

English

Native or Bilingual Proficiency

Romanian

Native or Bilingual Proficiency

German

Limited Working Proficiency