

Joe Odams

Home address 13 Stuart Road, Exeter, EX1 2SZ

Email joeodams@gmail.com

Phone 07415312171

Experienced, effective, flexible developer who writes high-quality SOLID object-orientated backend applications

Key skills

- .NET (C#)
- Azure – Function Apps, App Service
- ORMs (EF Core)
- SQL / relational DBs
- Frontend technologies (React)
- Cloud platform deployment / management (Azure)
- CI / CD
- Git
- Agile
- 5 years experience developing modern backend applications
- Writing clean, high-quality, performant code
- Refactoring code to adhere to SOLID
- Rapid development of functionality according to specifications
- Machine learning
- Degree-level numeracy
- Minimal supervision required but friendly and effective in team settings

Company Beedle (April 2020 -)

Position Senior Developer

Roles

- Backend developer for Beedle, a startup building an education app for Microsoft Teams
- Responsible for development and maintenance of backend services deployed to Azure
- Development of Azure Function projects
- Creation of API endpoints and services as per business requirements
- Working with EF Core for application data persistence
- Writing clean, modern, high-quality code conforming to SOLID principles
- Maintenance of a large backend codebase with minimal supervision
- Rapid implementation of new functionality to business specifications
- Improvements to backend code structure; large parts of the codebase I inherited did not conform to SOLID.
- Optimisation of hot paths with async code and custom DB routines
- Added Redis caching
- Added automated tests with SpecFlow
- Added unit tests to key service layers
- DevOps responsibilities such as releases and CI/CD pipelines

Achievements

Company Landmark Information Group (November 2017 – April 2020)
Position Developer / Data Scientist

- Roles**
- Data scientist and developer for Landmark, a geographical information services business
 - Development of data pipelines for the data team
 - Development of Azure Functions for internal business use

- Achievements**
- Built a JSON API over an older external SOAP service to minimise complexity, used throughout the business
 - Development of automated tests
 - Development of an document classification API using Microsoft LUIS

Company Equiniti Data (June 2016 – August 2017)
Position Data Analyst

- Roles**
- Worked with on-prem databases to provide marketing data for customers

- Achievements**
- Wrote postal address matching/cleaning tool.
 - Created a query builder tool to reduce workload on the team.

Company BPA Quality, Exeter (September 2015 – June 2016)
Position Quality Analyst

- Roles**
- Analysis of both inbound and outbound customer service interactions by evaluating telephone call content.

Personal project: React data visualisation app
polydata.github.io/election-age-breakdown/

Education

Institution University of Sussex (September 2012 – July 2015)
Qualification BSc Physics with Astrophysics 2.2

Key Modules

- Scientific Computing (1st class)
- Mathematical Methods

Final year research project: 'A Natural Galaxy Classification Scheme' (68% final grade)

Institution Exeter College (September 2010 – June 2012)
Qualification A-levels: Maths (B), Physics (B), History (B)

References available upon request.