



Benjamin Pilgrim

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TGNThump 

Employment








2022 - Current

Vodafone - DevOps Engineer (via MMT Digital)

- Lead design and development on implementing Pact based contract testing CI workflows spanning multiple projects and teams to increase code quality and make deployments safer.
- Worked collaboratively with a team to develop high level journey/channel availability dashboards for use by senior executives to gain awareness of uptime and availability.

MMT Digital - Cloud Systems Engineer

- Lead a MMT Digital fast-track team to deliver an AWS infrastructure project, making use of Azure DevOps pipelines for CI/CD, to the highest quality the program had seen.
- Developed an open-source JetBrains IDE plugin to bring cfn-nag based linting support for CloudFormation templates into PyCharm and IntelliJ.

 AWS  Terraform  CloudFormation  Azure DevOps
 Git  Docker  Python

2019 - 2022

HTK - Software Engineer

- Designed and developed a multi-account AWS architecture using Terraform for a greenfield data lakehouse platform.
- Technical owner, designer and lead developer of a distributed event-driven customer journey automation platform.
- Developed services, user interfaces and APIs following a 3-tier application model for a complex multi-tenant customer data platform.
- Involved in mentoring and skill development for junior developers with a focus on code quality through pair programming and code reviews.
- Assisted the operations and quality assurance teams with investigating, mitigating and fixing production incidents and bugs reported by customers.
- Designed and developed frontend user interface pages and components, including a complex promotion builder with a 'drag-n-drop' nested rule/segment editor for use by customers.

 AWS  Terraform  Git  Docker  GraphQL  Java
 Spring  JavaScript  Vue.js  T-SQL  Jenkins  JSF
 JUnit  Kafka  Maven  MongoDB  Storm  SVN
 Tomcat

2018 - 2019

Liverpool Guild of Students - Student Staff Theatre Technician

Lighting and Sound Operator at Liverpool Guild of Students, working with student societies and other organisations on musicals and events.

Education

2016 - 2019

University of Liverpool - BSc (Hons) Computer Science (First Class)

2014 - 2016

One Sixth Form - A Levels: Computing (B), Electronics (A), Mathematics (D)

Volunteering

2018 - 2019

Society Co-President at Liverpool Guild of Students (University of Liverpool)

2017 - 2018

Society Social Secretary at Liverpool Guild of Students (University of Liverpool)