

KYLE HIGGINSON

STAFF SOFTWARE ENGINEER

+447896 466 838

kylehigginson20@gmail.com

github.com/kylehigginson

linkedin.com/in/kyle-higginson

stackoverflow.com/users/7867348

www.kylehigginson.com



EDUCATION

BSC COMPUTING SCIENCE

Ulster University
1st Class Honours
2014 – 2018

3 A Levels
Belfast Royal Academy
2012 – 2014

SKILLS

TECHNOLOGY EXPERIENCE

Languages & Frameworks

NodeJS	Typescript
SQL	Java
Python	Bash
React	Tailwind CSS
Serverless	AWS CDK
Terraform	

Tools

DynamoDB	Postgres
Redis	Mongo
Docker	Kubernetes
Git	

Platforms

AWS	Okta
Auth0	Vercel
Netlify	Github Actions
Jenkins	Android
iOS	Github

INTERESTS

- Golf
- Reading
- Side Projects / Indie Hacking
- Travelling

PROFILE

Customer focused staff software engineer with experience on various tech stacks. Experience of working with large scale services in both event and message driven architectures.

Currently the technical lead of the Auto Provisioning team at Bazaarvoice, developing a Serverless application with Typescript, various AWS services, and Github Actions for builds & deployments.

Keen interest in technical strategy and roadmap, coaching and growing engineers to help them develop and progress and still love spending time individually contributing to the teams goals.

EXPERIENCE

STAFF SOFTWARE ENGINEER

BAZAARVOICE | 2021 - Present

- Technical lead of the Auto Provisioning team. The goal of the team is to improve the client onboarding experience, by making the process completely automated, giving Bazaarvoice the opportunity to expand into the SMB market.
- Built and onboarded a new team within engineering, coaching new engineers on the team and in the company. Including pair programming as well as delegating and empowering them to lead on team projects.
- Developed a provisioning API, allowing API consumers to onboard and use the API within seconds, ensuring a great developer experience when interacting with our APIs.
- Architected and developed a fully serverless application with AWS Lambda, Step Functions, S3, DynamoDB and API Gateway with a CI workflow using AWS CDK and Github Actions.
- Implemented API and service traceability with APM, AWS X-Ray and Datadog to allow for continuous monitoring and service optimisation.
- I have also took on other responsibilities outside of the team including introducing Backstage into the organisation, and improving our visualisation strategy for service observability within the organisation, as well as contributing to the technical roadmap for the company going forward.

SENIOR SOFTWARE ENGINEER

BAZAARVOICE | 2020 - 2021

- Technical lead of the Identity and Access Management team. As a team we looked after everything authentication & authorization within the Bazaarvoice platform.
- Lead the design & development of a Single Sign On (SSO) solution to allow our clients to access the Bazaarvoice platform through a SAML identity provider.
- Other major features lead included integrating the platform of a recent acquisition, allowing clients to sign in with Bazaarvoice to the Curate platform.
- Mentored and coached the other engineers on the team to help them develop their skills and further their careers.

AWARDS

HACK THE HUB WINNER
2018

KAINOS PRIZE
2018

EDGE AWARD
Ulster University
2018

DEAN'S LIST
Ulster University
2018

ASSOCIATE SOFTWARE ENGINEER & SOFTWARE ENGINEER

BAZAARVOICE | 2018 - 2020

- I started off my time at BV on the moderation team, where I was involved in the development of platforms for content moderation. This involved enabling content to be moderated by both natural language processing (NLP) and human moderation.
- Working with event driven architecture capable of autoscaling to network content demand.
- Building a scalable platform to handle user generated content submissions from 1000's of e-commerce sites.
- Working with a Java backend application and various AWS services including SQS and EC2.

INTERN SOFTWARE ENGINEER

SAP | 2016 - 2017

- Making a contribution to the design, development and testing of software, while utilising high-end hardware for storage, networking and compute.
- Becoming a trusted member of a technical team while working with a range of technologies across the stack including Python, Django and SQL.
- Supporting with the release of new software and updates to existing applications.