SAM DESBOROUGH

07709 426 551
sam.desborough@gmail.com
github.com/desbo

PROFILE

An experienced software engineer with a track record of delivering business value through software.

EXPERIENCE

Permutive, Software Engineer/Technical Lead, Oct 2020–present

Designing and implementing a number of systems, using cutting edge Scala practices, in a fast-paced adtech company. Technologies used include Scala (Typelevel stack), GCP, Terraform, Kubernetes, Prometheus and PostgreSQL.

11:FS, Senior Software Engineer, Feb–Oct 2020

Building the product configuration tool within Foundry, a SaaS banking platform, in Scala and TypeScript. GraphQL API development and implementation of UIs for financial product configuration.

Disney Streaming Services, Senior Scala Engineer, Aug 2019–Feb 2020

Responsible for user management in Disney+. Work included design and development of a GraphQL API in Sangria with extensive use of cats-effect and AWS Lambda in a serverless architecture.

The Guardian, (Senior) Software Developer, Jan 2015– Aug 2019

Developer on a number of teams including Loyalty, which focused on developing products to increase and maintain reader engagement on theguardian.com. Acquisitions, where the aim is to encourage readers to contribute financially, with extensive work on A/B testing, internal dashboards and dataflows. Data Technology, working on the infrastructure behind the Guardian's internal analysis tools and data lake using Spark, AWS EMR and Glue. Lead a project to implement Right to Erasure in the data lake, which helped the Guardian meet GDPR compliance.

Web Developer, Dalton Maag, Feb–Dec 2014

Led development on a brand new site for type foundry Dalton Maag. Introduced an agile workflow for the project and selected the technologies: MongoDB stores the site's content, exposed through a Node.js/Express API to two AngularJS applications: a CMS and the public-facing site, which includes purchasing capability via Stripe. Close collaboration with in-house design. Wrote Ansible scripts to deploy the application to Google Cloud.

PHP Developer, Kurt Geiger, Apr 2013–Feb 2014

Back-end developer for a range of Magento projects including a custom CMS used by the marketing team to maintain promotional content, Amazon MWS integration to synchronise products between Magento and amazon.com, and an equivalent system for selling on eBay.

SKILLS

Scala, Go, JavaScript, AWS, GCP. Technical strategy, system design, mentoring.