

# Sam Desborough

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github.com/desbo

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## Experience

### 11:FS Foundry / Senior Software Engineer

Feb 2020—present

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

Senior Software Developer: Oct 2016—Aug 2019

Software Developer: Jan 2015—Oct 2016

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.

### Dalton Maag / Web Developer

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.

### Kurt Geiger / PHP Developer

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

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Scala (cats, fs2, http4s, Spark), Go, JavaScript, AWS, Google Cloud. Mentoring (including volunteering at Code Your Future), technical strategy, and curiosity.