SAM DESBOROUGH

07709 426 551
sam.desborough@gmail.com

https://github.com/desbo

Profile

A highly skilled software engineer with expertise in delivering high-quality, pragmatic solutions to complex problems.

Skills

Languages: Scala (Typelevel stack), Go, SQL (Postgres/BigQuery), JavaScript/TypeScript.

Infrastructure: AWS (DynamoDB, Lambda, EC2, EMR, CloudFormation), GCP (Cloud Run, Functions, Workflows, BigQuery), Terraform, Prometheus, Grafana.

Experience

Permutive, Senior Software Engineer/Technical Lead — Oct 2020–present
Created customer-facing product features, including log file ingestion, event export and real-time user segmentation, enabling deals worth over $250k ARR. Introduced modern analytics stack (Dataform and BigQuery) used for billing and business intelligence.

11:FS, Senior Software Engineer — Feb–Oct 2020
Built the product configuration tool within Foundry, a SaaS banking platform, in Scala and TypeScript. Developed a GraphQL API and implemented UIs for financial product configuration.

Disney Streaming Services, Senior Scala Engineer — Aug 2019–Feb 2020
Developed user management functionality in Disney+ backed by a GraphQL API in Sangria with extensive use of cats-effect and deployed on AWS Lambda.

The Guardian, Senior Software Developer — Oct 2016-Aug 2019
Implemented theguardian.com crossword app (React), optimised reader financial contributions with A/B testing and built the infrastructure behind internal analysis tools and the data lake. Led a project to ensure the Guardian's GDPR compliance by implementing Right to Erasure in the data lake. Technologies applied included Scala, TypeScript, Spark, AWS EMR and Glue.

Dalton Maag, Web Developer — Feb–Dec 2014
Led the development of a brand-new site for a type foundry using the MEAN stack, including a custom CMS and a shop with Stripe integration, enabling the company to sell its fonts online.

Kurt Geiger, PHP Developer — Apr–Feb 2014
Developed a range of projects including a CMS used by the marketing team to maintain promotional content and integrations with Amazon MWS and eBay to synchronise product listings from Magento.

Interests

Running, cooking, climbing, table tennis, piano, video games.