SAM DESBOROUGH

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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 2022–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.