



HAMISH HOSSACK

FULL STACK PRODUCT ENGINEER

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hamishhossack.co.uk

OBJECTIVE

Progress my career in software engineering, specialising in Solution design and product development with a focus across full stack cloud environments.

AVAILABILITY

From autumn 2025 with 1 month notice period.

- /hamishhossack
- /hamishhossack
- /in/hamishhossack

EXPERIENCE

• PRINCIPAL ENGINEER

Simple Machines | Aug '23 - present

Providing expert engineering consultancy for a machine learning-powered recommendation system. High impact at an enterprise level serving millions of customers daily.

Architecting scalable solutions by producing detailed solution designs that integrate complex challenges into a broad architectural system, collaborating across multiple external teams and products.

Certified Professional Google Cloud Architect certificate

• LEAD ENGINEER & FOUNDER

Sapien Interactive | Jul '21 - present

Real-time football fantasy mobile app, using event-driven & serverless architecture.

React Native, Firebase, Redis, ElasticSearch

• SENIOR FULL STACK DEVELOPER

Soho House | May '19 - Jul '21

Product based teams delivering highly available web applications. Vue SSR apps with managed content.

• SENIOR FULL STACK DEVELOPER

Smartfocus | July '17 - May '19

R&D team building a service container architecture enabling a large enterprise app to be decoupled into 'plugins'.

• SENIOR FULL STACK DEVELOPER

ESSENSYS | May '16 - July '17

Social media project, working as a project lead using; Angular, NodeJS, Neo4J, MongoDB & Kubernetes.

• ... SOFTWARE ENGINEER SINCE 2012

EDUCATION

• COMPUTER SCIENCE BSC.

2:1 at Bournemouth University

Specialised in Web Development, Cyber Security and Business Entrepreneurship.

• COMPUTER SCIENCE HND

Merit at Bournemouth & Poole College

TOOLS



INTERESTS



MUSIC



COMPUTERS



COFFEE



SOCIALS



FOOTBALL



TRAVELLING



FASHION



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EE, (Simple Machines) - Principal Engineer

Architected and implemented core features including: Config Management, Experimentation, CI, End-to-end testing frameworks.

Currently uplifting and redesigning content consumption across channels using standardised CMS strategies.

Kotlin, React, Terraform, SQL, Postgres, AWS

Bootbag, Sapien Interactive - Lead Engineer

Architected and built a real-time football fantasy mobile app, using event-driven serverless architecture. Working with stakeholders to design, build and execute features with a complex business logic and unique set of features seen in the current market.

Using React Native to build mobile applications for multiple operating systems

Implementing and following technical business requirements

Designed a high performing database structure for real time transactional gameplay

NodeJS, event driven architecture, Firebase, React Native, GCP, Redis,

Messaging Cloud, SmartFocus - Senior Engineer

Working within a research & development team to build the next generation of web applications/plugins for enterprise marketing campaigns. Using a service container architecture to enable a large enterprise app to be decoupled into a plugin style business plan.

Migrated a legacy form campaign builder into a drag and drop tree view builder

Improving deployment pipelines to handle a container/plugin architecture

Documented a transition for engineers to use a new architecture

Helping to decouple a monolithic application into microservices

NodeJS, React, AWS, Java, microservices

White-label Social Network, Essensys - Senior Engineer

Building a white-label social network platform for co-workspace management companies. A greenfield project which tackled connecting client's customers as well as the management company. Using a graph database (Neo4J) design we built an application that could be generated from a web application sign up.

White-label product to be used for many separated management companies and separated tenants

Initiate demo from a landing page for prospective clients

Angular modularised framework for feature control

Graph data giving fast insights on customer connections

NodeJS, React, Java, AWS, kubernetes, microservices, MongoDB, Neo4J

Enterprise CMS platform, Soho House - Senior Engineer

Migration from a private member dashboard application into a public facing content managed platform. Authentication migration to login with email/ye and a suitable public and private page structure within the CMS and child applications. Optimizing for the web and search engine as a critical part of the upgrade plan. Creating a clean and reusable design system for multiple applications with a high volume of design changes required.

Enterprise CMS platform Sitecore with content as a service

Personalized customer data journeys

Optimizing for web - Image, Bundle size, Code splitting & Pre-loading

Vue, NodeJS, Ruby, AWS, terraform, Postgres