

# Toby Hamand

## Senior Software Engineer

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### PROFILE

Experienced Software Developer with expertise in building, monitoring and maintaining full stack systems using test driven development. Advocate for Extreme Programming and pair programming as tools to create robust systems. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

### EMPLOYMENT HISTORY

**Deutsche Bank, Agile Full Stack Developer** 09/2024 – Present  
[Kotlin, Typescript, React]

- Work in a small XP team using pair programming and trunk based development
- Building an internal compliance product which is relied on by hundreds of bankers
- Focus on stability and performance

**Red Badger, Senior Software Engineering Consultant** 04/2023 – 07/2024  
[Typescript, Node, React, AWS]

- Collaborated with cross-functional team of engineering consultants to develop bespoke in-house web application for third-party client.
- Designed and implemented shared data module to eliminate state duplication, reducing bugs and resolving tech debt.
- Architected a lambda function for data collation and transformation, exporting to Excel sheets in SharePoint for user access.
- Ensured robust testing practices through Test Driven Development and Extreme Programming methodologies.
- Engaged in pair programming to enhance code quality and foster team collaboration.

**Coinbase, Software Engineer** 05/2022 – 02/2023  
[Go, Ruby, gRPC]

- Software Engineer on a backend-focused team at Coinbase
- Developed and launched an Open Banking payment feature for UK users, enabling seamless bank transfers directly within the Coinbase platform
- Collaborated with cross-functional teams including compliance, product, and frontend to ensure regulatory alignment and a smooth user experience
- Contributed to system design and integration with third-party Open Banking providers, ensuring high reliability and performance under production loads
- Gained hands-on experience working in a high-stakes, fast-paced fintech environment with strong engineering and security standards

**Cazoo, Full stack Engineer** 01/2021 – 05/2022  
[Typescript, Node, React, AWS]

- Developed Cazoo Purchase, a tool for purchasing customer cars, leveraging serverless, event-driven architecture.
- Collaborated within a cross-functional team to enhance inventory management.
- Implemented robust testing practices to ensure high-quality code and system reliability.

- Utilized AWS services to improve application deployment processes.
- Streamlined development workflows through effective use of Git and Agile methodologies.

#### **Trint, Full stack Engineer**

06/2020 – 01/2021

[Typescript, Node, React, MongoDB, Docker]

- Developed new product offerings to drive revenue growth.
- Fostered team collaboration by introducing daily stand-up meetings, increasing communication and productivity.
- Championed rigorous testing practices, ensuring high-quality software delivery.

#### **Triptease, Software Engineer**

10/2017 – 05/2020

[Typescript, Node, React, MongoDB, GCP]

- Worked in multiple diverse teams, contributing to both front-end initiatives, such as redeveloping a completely new user interface, and back-end tasks, like identifying and rectifying broken customer integrations.
- Actively engaged in planning and architecting solutions.

#### **Draughts, Co Founder & Creative Director**

09/2013 – 12/2024

[Entrepreneurship, Management]

- Co-founded and managed London's first board game café
- Led operations, strategy, and day-to-day management of the business
- Secured extensive media coverage, including features in *The Guardian*, *Time Out*, *The Metro*, and *London Live*
- Demonstrated strong entrepreneurship and leadership skills in a competitive hospitality environment

## **EDUCATION**

#### **Coding Bootcamp, Maker's Academy**

06/2017 – 09/2017 | London

Makers Academy is a 12-week full-time coding bootcamp with a 10% course acceptance rate.

#### **MA in Sonic Art (Merit), University of Sheffield**

09/2010 – 08/2011 | Sheffield

#### **BMus (2.1), University of Sheffield**

09/2006 – 06/2010 | Sheffield

## **SKILLS**

### **Git**

Rebasing  
Cherry-picking  
Branching  
Trunk Based Development

### **JavaScript**

Typescript  
Node.js  
React.js  
Jest  
cypress

### **HTML & CSS**

### **SQL**

### **MongoDB**

### **Golang**

### **Kotlin**

### **Ruby**

### **Docker**

### **AWS**

### **Google Cloud Platform**

### **Pair Programming**

### **Extreme Programming**

### **Test Driven Development**