

# Mahedi Hasan

Full Stack Developer

London

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## PROFILE

Software Engineer passionate about building innovative solutions and tackling challenging problems. Full-stack Developer with 6 years of experience specializing in TypeScript, React, and Node.js, delivering high-quality projects efficiently across diverse tech stacks.

## SKILLS

React, Vite, Typescript, Node.js, Go, Prisma, Postgres, Docker, GCP

## EXPERIENCE

### Lead full-stack developer - Playter

Aug 2023 - Present

Promoted to lead critical technical initiatives after being one of the first hires post-CTO, contributing to the core architecture and scaling of fintech platforms as the company grew **5x**. Designed and built scalable systems using **TypeScript, Nx, React, Prisma, Postgres, and TRPC**, ensuring high performance and maintainability while leveraging GCP for infrastructure.

**AI Integration:** Implemented automation using **LLMs** to parse financial documents like bank statements and invoices, enabling accurate affordability checks with minimal human intervention.

**CI/CD Optimization:** Reduced production deployment times from **20 mins to 3 mins** and improved local-to-production workflows from **55 mins to 15 mins**, significantly accelerating delivery cycles.

**Infrastructure Migration:** Led migration from **AWS to GCP**, cutting cloud costs by **3x** while improving reliability and scalability.

**Platform Development:** Designed and scaled core platforms, including the **Broker Platform** (deal submission and tracking), **Customer Portal** (loan requests, repayments, and invoice management), and **Admin System** (internal operational tools).

**Scalability:** Optimized platform performance to support increasing customer and business demands.

**Developer Productivity:** Created **code generators** to streamline development, reducing bugs and improving output efficiency.

**Mentorship:** Onboarded and mentored new developers, maintaining a high-quality codebase and ensuring smooth team scaling.

### Senior Full-Stack Developer - Build a Rocket Boy

Nov 2021 - Aug 2023

React, Nginx, Docker, GitHub Actions, GoLang, EKS, S3, Leaflet.js

Contributed to building AAA games by focusing on **backend integration**, cloud services, logging, and performance monitoring. This role combined frontend ownership, backend collaboration, and cloud infrastructure expertise to deliver critical tools for game development.

Developed a frontend platform for **real-time game configuration**, performance monitoring, and database interactions using customizable JSON-based UI forms.

Built interactive mapping tools with **Leaflet.js** to display game mini-maps, visualize performance data as heatmaps, and compare data entries by location, all hosted on **S3**.

Deployed platforms on **EKS** using Docker containers, with **Nginx** handling static content and request routing for third-party API integrations.

Improved **GoLang microservices** by refining API endpoints to support game monitoring and data migrations across environments.

### **Software Developer - Equals**

May 2019 - Oct 2021

Worked across **web, mobile, and backend**, building fintech solutions for both business and retail clients. Developed a **hybrid PWA** using React, TypeScript, and Next.js, deployable on both web and app stores, with a GraphQL layer connected to multiple APIs.

Migrated a PHP application to React, integrating **Framer Motion** for smooth animations and implementing **3D Secure** payment flows with Valitor. Built two **React Native apps** for retail clients to manage multi-currency travel cards and created **component and utility libraries** for web and mobile applications to streamline development.

Developed backend services with **Node.js and GraphQL** while managing **CI/CD pipelines** using CircleCI and GitHub Actions. Integrated **monitoring and logging** with DataDog and Sentry, ensuring robust testing and stability through **Jest and Cypress**.

## **EDUCATION**

### **City University London - BSc Computer Science**

August 2017 - August 2021

- First-class honors