

# JAKE OWEN

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Full-Stack Software engineer based in the UK with over 4 years industry experience across multiple programming languages. I have developed key aspects of a customer facing application which generates multi-million-pound weekly turnover. I am looking to become a permanent fixture in a high functioning team and work towards taking on increased responsibility and leadership challenges.

## WORK EXPERIENCE

**APR 2024 – CURRENT**

### **FULL-STACK SOFTWARE DEVELOPER, STEM LEARNING**

*Provider of industry-leading CPD and learning materials for the education sector.*

Primarily front-end development position focusing on Next.js, making use of the Next.js framework to handle back-end operations as well. Having only used react previously, this role allowed me to further expand my capabilities into a more modern Javascript framework.

- Developed in-house centralised user account management application for over 500,000 users.
- Supported Agile development processes and ceremonies.
- Provided onboarding and support to new team members.
- Worked with UX/UI Teams to ensure accessibility standards were met.

**TECHNICAL SKILLS:** NEXT.JS, TYPESCRIPT, TAILWIND, AUTH0, JEST, POSTGRESQL.

**AUG 2019 – APR 2024**

### **FULL-STACK SOFTWARE ENGINEER, WILLIAM HILL**

*Industry-recognized, international betting company.*

This was a front-end-leaning position, with 70% of the work being React/Typescript for the front-end microservice applications and 20% Java for the monolithic back-end. The remaining workload was divided among MySQL for database interactions and Terraform for infrastructure-as-code implementations of AWS services and CI/CD pipelines.

- Developed and deployed key marketing features to the UI leading to increased user throughput to bet competition.
- Used TDD and other testing practices to help improve UI test coverage by 10%.
- Participate in and support the Agile development approach.
- Integrated a new content management system (CMS), which allowed our end-user application to better focus content on relevant user groups.

**TECHNICAL SKILLS:** JAVASCRIPT, REACT, TYPESCRIPT, JAVA, JEST, REACT TESTING LIBRARY, HTML, CSS, SASS, MySQL, SERVERLESS, AWS LAMBDA, AWS CLOUDFRONT, JIRA.

**JUN 2022 – NOV 2022**

## **SOFTWARE DEVELOPER IN TEST, WILLIAM HILL**

*Secondment to expand skill set and support the team's testing resources.*

This secondment was undertaken to fill a desperate need for testing resources within my team. I learned from existing QA colleagues how to successfully undertake automated and manual regression testing and by the end of the secondment, I was helping with the onboarding of the newly hired QA.

- Development of automation tests to streamline feature deployments, leading to a 25% reduction in time taken to conduct integration testing from 4 hours to 3.
- Supported multi-environment release management and monitoring using CI/CD pipelines.
- Undertook manual integration and regression testing of code bases.

**TECHNICAL SKILLS:** TESTCAFE, TYPESCRIPT, SUPERTEST, GITLAB, SPLUNK.

## **EDUCATION**

**2019 – 2023**

### **MSC DIGITAL AND TECHNOLOGY SPECIALIST - SOFTWARE ENGINEER**

NORTHUMBRIA UNIVERSITY

Undertaken part-time during employment at William-Hill taking 20% of my working hours per week.

**2015 – 2019**

### **BSC INFORMATION & COMMUNICATION TECHNOLOGY**

UNIVERSITY OF HUDDERSFIELD

## **SKILLS**

I have hands-on experience with Agile product development, enabling me to effectively manage projects, collaborate with teams, and deliver iterative improvements. My approach to tasks is flexible and creative but reliable, allowing me to adapt to changing priorities and overcome challenges like context-switching without losing focus.

I excel at independent learning and research, consistently identifying and implementing practical coding solutions to complex problems. Strong teamwork and communication skills support my ability to collaborate effectively while maintaining autonomy in tackling individual responsibilities.

## **CERTIFICATIONS**

**Java and Web application security – SCADEMY- (2018)**

## **REFERENCES**

References are available upon receipt of a job offer.