JAMES REAVER
SOFTWARE ENGINEER

07770 XXXXXX   x xxxxxxx xx, **London**   xxxxx@xxxxx.xx

jamesreaver.com   jameshreaver   jameshreaver

EXPERIENCE

SOFTWARE ENGINEER II   AUG 2022-
Chase, London

- Joined the **Card Transactions Processing** team as a backend engineer to improve the payment experience for all Chase UK customers.

SOFTWARE ENGINEER   2020-22
Amazon, London

- Launched a service which 30k Amazon employees use every day to make **thousands contributions** to the world's largest product catalog.
- Led the **end-to-end design** required to replace keys features of Amazon's legacy system.
- 2020 Amazon Hackathon London winner.

FULL STACK DEVELOPER   2018-20
10 Downing St, London

- Designed, implemented and security-tested mission-critical **GOV.UK platforms** that support public sector communications and campaigns.
- Built new accessible tools for news monitoring, data analysis and **internal comms** management.
- 2018 'Skilled People of Cabinet Office' Award.

ACHIEVEMENTS

SINGLE SIGN-ON SYSTEM   APR 2019-20

- Engineered a cross-government sign-on service from the ground up around the OpenID protocol.
- Granted over 6,000 members of 300 government departments access to internal sites securely.

HYPE FRAMEWORK   MAR-JUN 2018

- Published a web framework to perform continuous A/B experiments on live applications, validating the assumptions through tangible site metrics.
- Hype offers version control integration, real-time statistics and fully-automatic cloud deployment.

FIRMAMENT.SPACE   MAY-JUN 2016

- Created Firmament, to render the constellations of the night sky based on location and in real-time.
- Runner up in the IBM Group Project prize.

EDUCATION

IMPERIAL COLLEGE, LONDON   2014-18

- **MEng Computer Engineering**. Dean's List, 1st class.
- Modules include Large-scale Databases, Operating Systems, Software Reliability, Compilers, Networks and Web Security, Scalable Distributed Systems.
- 'Best Project of the Year' by the Pi Foundation for a Raspberry Pi implementation of the game of Pong.

ST. DAVID'S COLLEGE, CARDIFF   2012-14

- Mathematics (A*), Further Maths (A), Physics (A). Gold award in the Senior Mathematical Challenge.

TECH SKILLS

LANGUAGES AND FRAMEWORKS

- **Java** (Spring, Guice, Reactor), **JavaScript** (Node, React, Redux, Angular, Express), **PHP** (Laravel).
- Python, C/C++, Haskell. SQL, Neo4j.

CLOUD DEPLOYMENT

- Docker, Deployer, Google Cloud, Kubernetes, AWS (EC2, DynamoDB, Lambda, CloudWatch).

METHODOLOGIES

- CI/CD and Scrum advocate, Hypothesis and Test Driven Development, Unit (Mocha, PHPUnit and JUnit) and E2E testing (Selenium, Cypress).

INTERESTS

THEATRE PLAY-WRITING   MAR 2020-

- Incredibly passionate consumer and producer of theatre plays (and radio shows) in my spare time.

LEARN-TO-CODE CLUB   FEB-JUNE 2019

- Kick-started a series of classes for colleagues new to coding, resulting in over ten first sites launched.

COMPUTING TEACHER   JAN-MAR 2018

- Taught GCSE Comp Sci, with all pupils succeeding at exams and becoming passionate about coding.