Oliver Harrison

enquiries@ozharrison.me ❖ Brighton, UK ❖ www.ozharrison.me

Work Experience

Miomni Sports Limited   **October, 2021 - Present**
Lead Web Engineer & Development Operations Engineer   *Brighton, UK*
- Miomni Sports Limited creates B2B and B2C IT solutions for the gaming industry.
- As a split role, I was responsible for taking greenfield projects from concept to market, implementing CI/CD processes, managing infrastructure and ensuring system security in a regulated industry.
- Led the engineering team in redeveloping our flag-ship product:
  - Designed the solution and led development team through Kanban.
  - Hugely improved core performance metrics, e.g: Mobile and Desktop Largest Contentful Paint from 57.8s to 3.6s and 4.7s to 1.2s respectively.
  - Implemented site-wide SEO utilising server-side rendering.
  - Migrated from EC2 to AWS Lambda + RDS, reducing running costs by 90%.
- Designed and led the implementation of two products that are on market and generating revenue:
  - Mobile based sports-betting web app for cruise ships.
  - Touch-screen web app for table and card betting games using an existing game engine.
- Created an in-house content management system to expedite our content team in producing marketing materials and site content as well as rapidly deliver white-labelled sites: Angular, Node.JS and AWS DynamoDB.
- Overhauled our cloud infrastructure, migrating several systems from bloated Windows AWS EC2 instances to a combination of AWS Lambda, API Gateway, RDS and where necessary Linux based EC2 instances.

Phlashweb   **August, 2019 - September 2021**
Technical Lead | August, 2020 - September 2021   *London, UK*
- Phlashweb is a digital agency specialised in creating low-cost digital solutions for brick-and-mortar businesses.
- As Technical Lead, I was responsible for teams comprimising of internal staff and external contractors working on a variety of client projects.
- Worked closely with clients to extract requirements, create designs, and then communicate these to developers.
- Coordinated content and development teams in producing final products.
- Managed developer workloads and deadlines in a scrum environment.

Technical Architect | August, 2019 - August, 2020
- Responsible for iteratively researching and improving technology stacks to offer clients with a focus on delivery velocity and low cost:
  - Developed a stack utilising Contentful and GitHub pages for producing free to run content sites.
- Visited clients on-site to design technical solutions for marketing and e-commerce.
- Maintained and evolved a warehouse management system for an international tools distributor.

Lloyd's Banking Group   **September, 2017 - August, 2018**
Data Service Access Request (DSAR) Agent   *Andover, UK*
- Responsible for processing and supplying all information held by Lloyd's Banking Group pertaining to the requesting customer.
- Had to coordinate with all sections of the organisation including both internal and external legal teams to collect information for customers within tight legal deadlines.
- Processed masses of data to ensure all information released was redacted in line with GDPR and no legally priviledged information was leaked.
- Trained a team of 10+ on the workflow when the team was moved to a new premises.
- Received secondment to the more advanced Halifax/Royal Bank of Scotland DSAR team in recognition of my diligence and efficiency.

Education

Queen Mary University of London   **September, 2018 - June, 2021**
BSc (Hons) Computer Science ❖ *1st Class with Honours* ❖ **Modules & Grades.**   *London, UK*
- Final Year Project: Implementation of Catan and Development of an Artificial Intelligence Agent for the Tabletop Games Framework.

Skills & Interests

- **Skills:**
  - ***Development technologies:*** Javascript (Typescript, Angular 17, Node.JS, React); HTML & CSS; Python (Django); Java; .NET & C#; Git.
  - ***Infrastructure:*** Linux server administration; AWS (Lambda, RDS, S3, DynamoDB, API Gateway, Cloudwatch); SQL & NoSQL.
  - ***Techniques:*** Full-stack web development; team leadership (including development teams); system architecture & design; CI/CD; serverless infrastructure.
- **Interests:** Reading Sci-Fi; Catan; Video games; Lockpicking.