

# DYLAN BASSEY

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With a solid foundation in **Computer Science** and over two years of proven experience, I bring a dynamic blend of technical proficiency and problem-solving acumen to the table. As a highly motivated and hardworking individual, achieving excellent GCSEs and A Levels at one of the top grammar schools has been a significant achievement. Specializing in **JavaScript** and its supporting languages/libraries/frameworks I have honed my skills to tackle real-world challenges effectively. My tenure at Vodafone has not only fortified my technical ability but has also provided me with invaluable insights into industry-standard development practices for which I'm seeking an opportunity to apply and contribute to the dynamic growth trajectory of a forward-thinking enterprise like yours.

## EXPERIENCE

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### Software Engineer

Vodafone Group | London, UK

September 2022 - Present

- Developing a service for the Vodafone home broadband app, using React Native (TypeScript), will be used by up to 28 million broadband users.
  - **Lead Front End App Developer** for this project.
- Implementing authorization using JWT tokens, E2E components, Unit Testing
- Using Golang to set up back-end services, creating databases in MongoDB and s3, using Terraform and lambda functions.
- Developing a knowledge share website within Vodafone using React.js with TypeScript, Mirage JS, MobX, styled components while incorporating our internal React component library.
  - **Lead Front End Developer** for this project.
- Implemented CRUD operations with REST APIs using Java Spring boot.
- Development of a user journey catalogue website, using React.js with TypeScript while implementing an Azure AD wrapper for authentication using OAuth 2.0.
  - **Lead Front End Developer** for this project.
- Utilized Docker and Kubernetes to deploy the software ensuring scalability.
- Supported teams in creating cross-platform software solutions for wide audience reach across diverse devices and platforms, ensuring robustness and scalability.
- Guided teams with system design, platform compatibility, technology evaluation, architecture patterns and performance optimizations.

### University Teaching Assistant

Aston University | Birmingham, UK

September 2021 – June 2022

- Assisted students with programming queries and problems in Java.
- Aided on assessing submitted quizzes and solutions from students.
- Led tutorials/labs of over 30 students.

## PROJECTS

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### After Dark – Final Year University Project

- Fighter Game developed from scratch using **C#** and Unity Software
- The project focuses on utilizing motion capture equipment to imitate real human behaviour in the creation of a video game.
- The game is a fighter game in which all movements, including attack moves, will have been captured using motion capture equipment.
- 40-page report following the development of the game.
- Mark Awarded – **First Class**

### Party Stimulation

- Stimulation coded by **Java**.
- Once started the stimulation must populate a 2-D grid of hosts and guests consisting of scientists, artists, or engineers.
- Various situations can occur, and each situation is based on several parameters all based on probabilities.
- A GUI allows for users to set different starting conditions.
- Includes a 10-page report.
- Mark Awarded - First Class

### CorpComment

- End to end project where users can give public feedback on companies.
- Utilizing technologies such as **React**, Next JS, MongoDB, Tailwind CSS and Prisma.

### rmtDev

- Job board for remote developer jobs.
- Front end project utilizing technologies such as **React**, Next JS, TypeScript, Tailwind CSS and Redux
- Features include filtering, sorting and pagination.

### Word Analytics

- Public web app for quick analytics on text
- App can show word count, character count and social media post limits.
- Utilizes technologies such as **React**, Next JS, SQL, Framer and Tailwind CSS.

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, HTML, CSS, Python, Java, SQL, React Native, Golang

**Technologies/Frameworks:** React.js (TypeScript), React Native, Spring Boot, AWS, Docker, Git, REST APIs, Terraform, Tailwind CSS

**Developer Tools:** Visual Studio Code, IntelliJ, Android Studio, GitHub, Postman API, XCode

**Skills:** Data Structures, System Design, Algorithms, Documentation, Agile working, CI/CD, Machine Learning

## EDUCATION

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Computer Science and Mathematics - Upper Second-Class Honours

Aston University | Birmingham, UK

Sep 2019 – June 2022

## INTERESTS & HOBBIES

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- Enjoy coding in my spare time.
- Have a passion for competitive gaming which allows me to compete at a high level in multiple games.
- Building and distributing gaming PCs.
- Fitness and Health, regularly go to the gym.
- Travelling the world.

## REFERENCES

Florin Creanga, Vodafone | [florin.creanga2@vodafone.com](mailto:florin.creanga2@vodafone.com)

Jakub Nowicki, Vodafone | [jakub.nowicki@vodafone.com](mailto:jakub.nowicki@vodafone.com)