

# Pedro Roque

South London

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## Personal Statement

From a young age, I have always had an interest in technology, my parents have a picture of me at age 4 under the hood of my ionic iMac G3. At 13 years old, I started an online gaming community with a friend. I was the server guy and spent countless hours on Linux trying to host game server panels to facilitate game server management.

As I went into University and learned how to code, I decided to use my desire to automate some of our most annoying tasks in the community as a reason to learn new relevant technologies like PHP, React and NodeJS.

Since then, I've been part of a lovely collaborative team at SARD where I've been field testing my problem-solving skills on all new projects that required me to learn new skills and tools as I go.

## Technical Skills

### Source Control & CI/CD

Git, Github Action, Gitlab CI/CD,

### Programming Languages

JavaScript, TypeScript, Ruby, PHP, Java

### Web (Frontend)

HTML, CSS, React, React Native, jQuery

### Testing

Rspec, Cypress, Jest, Appium

### DevOps

Linux, Docker, Kubernetes, AWS, GCloud

### Databases

MySQL, MariaDB, SQLite

### Web (Server)

Ruby on Rails, NodeJS, Nginx, Apache

### Other Software

Figma, Postman, SourceTree, Webflow

## Work Experience

### Software Developer

#### SardJV – London & Canterbury & Remote

June 2019 – Present

- Was the sole developer on SARD first React Native mobile application tested with Jest and Appium.
- Regular scrum meetings and tools like Pivotal Tracker were used to keep track of the project and ensure the rest of team was on the same page.
- Played a key part in the design process and collaborated with the designer to ensure the app meet the most common Mobile UI/UX patterns.

June 2019 – September 2020

- Was part of the initial team that started SARD's new eRostering project with the aim of improving NHS resources today is used by hundreds of doctors in the NHS.
- Worked closely with our partners at the NHS to gather the system requirements and ensure the product met their specification and legal requirements.
- Planned and implemented frontend and backend for multiple feature. All with testing using Rspec and/or Cypress.

- Played a key part in the development of our constraint solver. That is responsible to automatically assigning doctors to their shifts based on doctor time off preferences.
- Developed an automated developer workflow using GitLab Ci/CD, GCloud and Kubernetes. This involved Dockerising the application and the creation of Kubernetes Charts.
- Successfully migrated customer data from competitor system to ours using by analysing data structure and creating a custom crawler script.
- Provided Technical Support for the products as second-line Support person.

### **Voluntary Shop Assistant**

**Cancer Research UK - Canterbury**

January 2020 – March 2020

Volunteered at their Canterbury retail store, it was a great opportunity to get real-life retail experience while improving my communication skills.

## **Personal Projects**

**ElitePortuguesa.pt – Gaming Community**

- Back in 2012 when I was 13 years old my friend and I founded a gaming community. Since then, I've been responsible for configuring and managing multiple Linux Servers that host our services. Most of them have been dockerized to make it easier to move it across servers.
- These include a nginx instance, game servers and multiple PHP scripts and NextJS website that automate most of the work.
- Today we are the second largest TeamSpeak Servers in Portugal (according to gametracker.com) with a daily peak of about 200 People online.

**Portfolio – prock.dev**

Developed my own portfolio website using Figma, Next.JS with Styled Components. Deployed on Docker

## **Education**

**2017-2021      University of Kent, Canterbury**

Computer Science (Artificial Intelligence) with Year in Industry - BSc - 2:1

**2015-2017      City and Islington College - Centre for Business, Arts and Technology**

Pearson BTEC Level 3 Extended Diploma in IT (Software Development) – D\* D\* D\*  
(Triple Distinction Star)

## **Hobbies & Other Information**

Learning, Walking, Listening to audiobooks, Reading, Doggies, Gaming

## **References**

References are available upon request.