

# Pedro Roque

**Full Stack Developer**

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[prock.dev](https://prock.dev) (For more info on the projects I've worked on)

**London & Portugal**

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## Personal Statement

From an early age, my passion for technology was evident. There's a cherished photo of me at 5 years old, diligently putting a screw into a PC. This passion evolved, and by 13, I had founded an online gaming community. To support this venture, I delved deep into Linux server management to effectively run the necessary game servers.

While attending university, I ventured into technologies such as PHP, React, and NodeJS, leveraging them to automate tasks in my gaming community.

Professionally at SARD, working in a small team, I gathered NHS client requirements and subsequently developed an eRoosting system with auto-shift solvers and a mobile app.

At Stitch, I worked closely with management to enhance our e-commerce platform using GraphQL, React, and NodeJS, implementing features such as stock ordering and all-inclusive shipping pricing.

Now, I'm eager to further my expertise in Cloud technologies, particularly GCloud and AWS, specifically roles emphasizing automated testing in React, JavaScript, and TypeScript, with a desire to collaborate with skilled peers.

## Technical Skills

### Cloud Platforms

GCloud, Heroku, Digital Ocean, Kubernetes

### Programming Languages

JavaScript, TypeScript, Ruby, PHP, Java

### Web (Frontend)

HTML, CSS, React, React Native, jQuery

### Testing

Rspec, Cypress, Jest, Appium

### Source Control & CI/CD DevOps

Git, Github Action, Gitlab CI/CD, Linux, Docker,

### Databases

MySQL, MariaDB, SQLite, PostgreSQL

### Web (Server)

Ruby on Rails, NodeJS, Nginx, Apache, Prisma

### Other Software

Figma, Postman, SourceTree, Webflow

## Work Experience

### Stitch Group - Full Stack Software Developer - Fully Remote

January 2022 – August 2023

- Led refactoring initiatives, on key features and GraphQL queries, using DRY principles and modern design patterns; this not only elevated system performance but also simplified the codebase through git submodules to share code across projects.
- Key contributor to our Internal System and eCommerce platform using React, Node.js, and GraphQL; boosted user experience, streamlined company operations and product production.
- Integrated supplier APIs to automate real-time stock ordering in sync with customer purchases, enhancing operational efficiency.
- Used third-party apis to create all inclusive pricing for our products for international shipping.
- Set up development databases in Docker to optimize the software development process
- Implemented BullMQ to manage scheduled tasks and delayed jobs, improving application efficiency and performance.
- Orchestrated the migration of company services from Heroku to DigitalOcean App Platform, optimizing infrastructure costs and scalability.

## **SardJV - Software Developer - London & Canterbury & Remote**

June 2019 – January 2022

- Initiated and developed a Ruby on Rails and React eRostering project for the NHS, gathered client requirements, and implemented key features, now vital to hundreds of professionals.
- Spearheaded the development of SARD's inaugural React Native mobile application, incorporating Jest and Appium for comprehensive testing.
- Collaborated with NHS partners to establish system requirements, ensuring the product adhered to stringent specifications and legal frameworks.
- Utilized a constraint solver for automated doctor shift assignments, optimizing schedules according to individual preferences.
- Automated the development workflow via GitLab CI/CD, leveraging Docker and Kubernetes for streamlined deployments.

## **Voluntary Shop Assistant**

### **Cancer Research UK - Canterbury**

January 2020 – March 2020

- Volunteered at a Canterbury retail store, gaining hands-on experience in retail operations and significantly enhancing my interpersonal communication skills.

## **Personal Projects**

### **ElitePortuguesa.pt – Gaming Community**

- Co-founded a gaming community at age 13 and have since been responsible for configuring and managing multiple Linux servers to host various services, leveraging Docker for enhanced portability.
- Administered a diverse suite of applications including an NGINX instance, game servers, PHP scripts, and a NextJS website to automate key operational tasks.
- Achieved ranking as the second-largest TeamSpeak server in Portugal with daily peak usage reaching 200 active users, verified by gametracker.com.

### **Portfolio – prock.dev**

- Designed and engineered my personal portfolio website using Figma for UI/UX, Next.js for front-end development, and Styled Components for styling; deployed seamlessly via 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.