Pedro Roque

Full Stack Developer   **London & Portugal**
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[**prock.dev**](prock.dev) (For more info on the projects I've worked on)   **gitlab.com/xdpedrox**

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 eRostering 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

Source Control & CI/CD DevOps
Git, Github Action, Gitlab CI/CD, Linux, Docker,

Programming Languages
JavaScript, TypeScript, Ruby, PHP, Java

Databases
MySQL, MariaDB, SQLite, PostgreSQL

Web (Frontend)
HTML, CSS, React, React Native, jQuery

Web (Server)
Ruby on Rails, NodeJS, Nginx, Apache, Prisma

Testing
Rspec, Cypress, Jest, Appium

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.