PAULO BARATA

Full Stack Developer

✆ +44 7565 878 862 | ✉ pbaratauk@gmail.com | ⬤ [PBara7a](#) | in [paulo-barata](#)

SKILLS

JavaScript • Node.JS • Java • React • Git • PostgreSQL • Prisma • Time Management • Teamwork • TDD

ABOUT ME

I am a hardworking and motivated individual with a military background and great passion for technology. I am about to start my third year of studying BSc Computing and IT at The Open University and have just graduated from an intensive full-time 6-month software engineering bootcamp. I am dependable, flexible, and excellent in working with others to achieve a common goal. In order to grow and further improve my skills, I am eager to learn and to be challenged.

I am seeking an entry level position in the industry in which I can put into practice my knowledge and become a valuable asset to the organization that I work for.

RELEVANT EXPERIENCE

Boolean Software Engineering Course   **February 2022 – August 2022**

An immersive 6-month full-time coding academy where I learnt technologies including: JavaScript, React (with Hooks), Node.JS, Express, PostgreSQL. Also developed skills in testing/TDD, git collaboration, agile development, and pair programming.

The course culminated in a simulation of a software development team building a student management system web application. During this period, I participated in daily stand-ups and weekly retrospectives, converted user requirements into technical specifications, optimized workflow using the Kanban process, participated in code reviews and took ownership of some project features.

EDUCATION

The Open University

Bsc (Honours) Computing and IT – Software   **October 2020 – present**

- Programming fundamentals with Python.
- Object-oriented Java programming.
- Networking.
- IT service management (ITIL).

PROJECTS **[Portfolio](#)**

Workout planner   [GitHub-Client](#) [GitHub-Server](#) [Demo](#)

A SPA I built to plan and save workouts.

- Technologies: React, Node.js, Express, Prisma and PostgreSQL.
- Data retrieved and sent through an Express API.
- Workouts sent to email via SendGrid API.

Rustychain   [GitHub](#)

A blockchain app that records transactions between different wallets.

- Technologies: Node.js, Express, React, Jest, PubNub.
- Backend developed with a Test-Driven Development approach.
- Transactions and changes to the chain are broadcast to every peer using pub/sub technology.
- The React frontend interacts with the backend via an Express API.

Chat In The Box   [GitHub-Client](#)   [GitHub-Server](#)

A real-time messaging app with end-to-end encryption.

- Technologies: React, Bootstrap, Node.js, Express, Socket.io, Prisma and PostgreSQL.
- Users can send messages to other individual users or to group chats via WebSockets.
- Message content encrypted and decrypted on the client.
- Tenor external API consumed, to enable gif sharing.

PREVIOUS EXPERIENCE

Machine Operator / Acting Team Leader

Huhtamaki Foodservice Delta Limited   **Jan 2019 – Feb 2022**

- Set up equipment to the relevant specification and monitor product quality as required.
- Undertake fault finding activities when equipment problems occur and conduct repair where possible.
- Act as team leader when necessary, guiding employees, assigning tasks, allocating resources, prioritizing work, taking corrective actions, and updating records.

Saw Operator

Decora Blind Systems   **Jun 2017 – Jan 2019**

- Calculate dimensions and tolerances with measuring tools.
- Cut the product to specification.
- Monitor product quality.

Paratrooper / Team Leader

Portuguese Armed Forces   **Apr 2010 – Apr 2017**

- Demonstrated ability to work in fast-paced, multinational environments.
- Oversaw different teams with distinct missions, showcasing adaptability, teamwork, communication skills, positive attitude, reliability, and resilience.