

PHILIPPE CANAVARRO

CONTACT



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<https://pcanavarro.com>

SKILLS

- Node.JS
- JavaScript
- Kubernetes
- CI/CD
- MySQL
- Redis / Memcached
- Google Cloud (GCE & GKE)
- Git
- Cypress/Jest
- Docker
- Gitlab
- API Development
- Microsoft Visual Studio
- .Net/.Net Core
- WPF XAML
- Six Sigma - Green Belt
- Rapid-prototyping techniques (FDM)
- CAD/CAE software (Solidworks)



Proactive, detail oriented, autodidact and dedicated Engineer. Very good at solving computer issues and always happy to learn more. Good interpersonal relationships with leadership and teamwork experience. Logical and objective reasoning. Excellent synthesis skills. Currently studying for the CKA exam.

EXPERIENCE

June 2022 to Current

Software Engineer / Lead Quality Assurance Engineer – CoinMode Ltd.

Guildford, Surrey

- Responsible for some of the infrastructure and backend. Developed and maintained services on Google Cloud SQL, GKE & GCE.
- Migrated all APIs to a new Kubernetes cluster to support [Gitlab](#) CI/CD.
- Developed full APIs that expanded functionality of our product, including gift cards API, internal tools, transaction statement generator, discord bot with a complete API for external control and communication.
- Worked with Redis and Memcached for faster cached responses and MySQL for main database.
- Helped on minor frontend changes.

November 2021 to June 2022

Quality Assurance Engineer – CoinMode Ltd.

Guildford, Surrey

- Responsible for all automated and manual testing of core applications, this includes designing and maintaining our CI/CD structure/scripts for integration testing before and during staging deployment.
- Logged and managed bugs/performance issues with Development team using Jira and Gitlab.
- Used different automation frameworks to best fit different projects when testing, these include Jest, Puppeteer, Cypress, JavaScript, Node.js

October 2019 to November 2021

Support Engineer - Hallmarq Advanced Veterinary Imaging

Guildford, Surrey

- Offered 1st response and 2nd line real-time remote and at site support for High and Low field MRI and CT systems until resolution. Responsibilities include System optimization, resolving clinical software problems, keeping track of the online monitoring system, tackling image quality and scan protocol issues and assisting operators to perform scans, engineering site visits to investigate hardware problems, noise busting and routine service.
- Proactively Developed .NET software tools to improve response time on support cases reducing downtime on all systems.
- Ensured daily customer service stayed timely and accurate by solving customer issues within company's 15-minute deadline.

December 2018 to October 2019

Apple-Certified Lead Technician - Albion iStore (Former Solutions INC)

Guildford, Surrey

- Responsible for all devices being serviced, managed availability times and other technicians.
- Work from complex and detailed manufacturing documentation and direct instructions.
- Managed quality control and maintained high customer satisfaction, achieving AAPSP (Apple Authorized Premium Service Provider).
- Conducted 25 mobile phone and laptop repairs daily, fixing issues within 20-minute timeframe.

January 2016 to September 2018

Polymer Applications Engineer / IT - MAXCOMP LTDA

Salvador, Bahia - Brazil

- Responsible for the 3D printing division of the company, including parts design, maintenance, costs, materials and testing.
- Also responsible for implementing and deploying the main server (login, files, link aggregation, DNS, DHCP), VPN server, 3D printing server, PABX, website, maintenance and tracking database, virtual servers, surveillance cameras/alarm, among others IT-related tasks.

August 2014 to February 2016

Instrument Panel & Console Intern - Ford Motor Company

South America Operations

Camaçari, Bahia - Brazil

- Focal point for the "Ford Fiesta MK7" Program, from 2015 onwards, dealing with all part changes and issues for IP/Console.
- Developed new ways to check cost and tracking individual components sending weekly reports on what parts were incorrect and needed attention on BOM and others.
- Recommended design modifications to eliminate component and system malfunctions.
- Wrote change protocols, qualification documents, test plans and reports.
- Wrote performance requirements for product development and engineering projects.
- Used CAD programs, including Catia to implement GD&T specifications and requirements.

EDUCATION

2017

BEng (Hons) Mechanical Engineering

UNIFACS Private University, Salvador - Brazil

- Dissertation in 3D Printing. Developed a comparative method between different parameters, relating them with surface quality and tensile strength to promote continuous improvement and optimization of the 3D printing process through Fused Deposition Modelling.
- Developed computer controlled robotic arm, a car parking spot check system, an Archimedes screw pump and a solar based water desalination device as part of the curriculum.