Bruno Roque

Software Engineer

Info

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Experience

Senior Full Stack Engineer

Axpo - Baden, Switzerland   2023.03 - Present

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Senior Software Developer

Raccoon Works - Zürich, Switzerland   (3 yrs, 7 mos) 2019.06 - 2022.12

Development of an analytics system for time-series data. It enabled the correlation of events across machines in production lines. Tech: C#, Python, PostgreSQL, Angular, Bazel, Docker, Azure DevOps, Azure, Pulumi.

Software Developer

Spoud - Bern, Switzerland   (1 yr, 7 mos) 2017.11 - 2019.05

Development of a real-time transport layer, and of analytics pipelines, where I introduced testing. Tech: Java, Apache Flink, Apache Kafka, Elasticsearch, gRPC, Bazel, Docker.

Software Engineer

Celfinet (Vodafone) - Glasgow, Scotland   (5 mos) 2017.04 - 2017.08

Development of a desktop application to automate the planning of neighbors in cellular networks. Improved the drop call rate in northern areas of the UK by 30%.

Education

MSc in Electrical and Computer Engineering

Instituto Superior Técnico - Lisbon, Portugal ↗   2007.09 - 2014.12

Professional Development

Tool to help my wife fill out reports at her work ↗	Present
Architecture Clinic, Michael Montgomery, IDesign ↗	2023.09
Architect's and Project Design Master Class, Juval Löwy, IDesign ↗	2021.05

Languages

English - Proficient (C)
German - Intermediate (B)
Portuguese - Native

Technologies

.NET (C#) Python Angular PostgreSQL
Shell ↗ Bazel Docker Azure Terraform