

# Bruno Roque

## Software Engineer

### Info

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### Experience

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#### 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

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#### MSc in Electrical and Computer Engineering

Instituto Superior Técnico - Lisbon, Portugal ↗ 2007.09 – 2014.12

### Professional Development

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|---|---------|
| Tool to help my wife fill out reports at her work ↗ | Present |
| Architecture Clinic, Michael Montgomery, IDesign ↗  | 2023.09 |
| Architect's Master Class, Juval Löwy, IDesign ↗     | 2021.05 |
| Project Design Master Class, Juval Löwy, IDesign ↗  | 2020.03 |

### Languages

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

### Technologies

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