

# João Fraga

SOFTWARE ENGINEER

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## Skills

<b>Programming Languages</b>	C, Rust, Go, Java, OCaml, Haskell, Lua, Python
<b>Web Technologies</b>	HTML, CSS, Javascript, Typescript, Node, React
<b>Distributed Systems</b>	Zookeeper, RabbitMQ, Kafka
<b>Databases</b>	SQL, NoSQL, Timeseries, Postgres, MongoDB, InfluxDB
<b>DevOps</b>	Linux, Shell, Docker, Kubernetes, Helm, Flux, Grafana, AWS

## Experience

### Feedzai

PROFESSIONAL SOFTWARE ENGINEER

3 Years

Since Mar 2024

- Working with Java, Kubernetes, and the CNCF ecosystem to build reliable, scalable software systems
- Debugging, troubleshooting, and resolving complex technical issues
- Designing and managing large production systems as part of a DevOps team in a SaaS environment
- Influencing product architecture and standards while effectively communicating across teams
- Supporting large-scale, mission-critical, systems with significant throughput

ASSOCIATE SOFTWARE ENGINEER

Oct 2022 - Feb 2024

- Writing clean, testable, and maintainable code
- Integrating software components into fully functional systems
- Troubleshooting, debugging, and upgrading existing software systems
- Deploying, monitoring, and supporting systems in production environments
- Providing second-tier support for live client systems

Java | Maven | Liquibase | Kafka | Docker | Kubernetes | AWS

## Projects

### GITHUB

2025	<b>Renovation Consultancy Web Application</b> , <a href="https://github.com/fraguinha/livinicta.com">github.com/fraguinha/livinicta.com</a>	Freelance
2024	<b>Git Automation Tool</b> , <a href="https://github.com/gabrie30/ghorg">github.com/gabrie30/ghorg</a>	Open Source
2022	<b>Interactive Lambda Calculus Interpreter</b> , <a href="https://github.com/fraguinha/lambda">github.com/fraguinha/lambda</a>	Personal Project
2020	<b>Real Estate Services Web Application</b> , <a href="https://github.com/fraguinha/a50passos.com">github.com/fraguinha/a50passos.com</a>	Freelance
2018	<b>Digits Recognition Neural Network in C</b> , <a href="https://github.com/fraguinha/MNIST-NeuralNetwork">github.com/fraguinha/MNIST-NeuralNetwork</a>	Personal Project

## Education

### MSc in Computer Science

Porto, Portugal

FACULDADE DE CIÊNCIAS DA UNIVERSIDADE DO PORTO

- **Courses:** Cryptography, Algorithms I and II, Data Mining I and II, Artificial Intelligence, Computational Complexity, Functional Programming, Formal Verification of Programs, Programming Languages Foundations
- Only completed the first year, did not write a thesis.

### BSc in Computer Science and Engineering

Covilhã, Portugal

FACULDADE DE ENGENHARIA DA UNIVERSIDADE DA BEIRA INTERIOR