

Glênio Silva Pimentel

Senior Software Engineer

Denmark · gleniosp.com · github.com/gleniosp · linkedin.com/in/gleniosp

SUMMARY

I am a Senior Software Engineer with **8 years** of experience building distributed systems, backend services, data platforms, cloud services, and web applications. I have led system integrations, real-time and batch data pipelines, and production software across fintech, marketing, and customer platforms. My work includes a payroll lending platform that issued **1 million BRL in payroll loans**, personalized experiences for **thousands of customers**, and cloud services with potential reach across **millions of devices**. I focus on reliable backend architecture, data engineering, and systems that scale.

SKILLS

Proficient:

Backend & APIs: Python, Node.js, FastAPI, Flask, RESTful APIs

Frontend & Web: JavaScript, TypeScript, React, Next.js, Svelte, SvelteKit.js, HTML5, CSS3

Data Engineering: SQL, Apache Spark, Apache Airflow, Prefect, Databricks, Pandas

Systems & Infrastructure: AWS (S3, EC2, IAM, ElastiCache, RDS), GCP (Cloud Run, Pub/Sub, Secrets Manager, IAM, Cloud Functions, Cloud Storage), Git, Docker, Terraform, GitHub Actions, Linux

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis

AI-Assisted Development: Agentic tools, GitHub Copilot, VS Code, Zed, PyCharm, Opencode

Engineering Practices & Quality: Agile, Scrum, Kanban, CI/CD, PyTest, Jest, Vitest, TDD

Architecture & Design: Microservices, Distributed systems, SOLID, Design Patterns, Event-driven Architecture

Intermediate:

Messaging & Observability: Apache Kafka, WebSockets, RabbitMQ, Prometheus, Grafana, Sentry

Systems & Infrastructure: Kubernetes, DevOps, GitLab CI/CD, AWS (EMR, Glue, EKS, SNS, SQS, SES, Lambda, DynamoDB), GCP (Dataflow, Firebase)

Beginner:

Robotics & Native Development: ROS 2, C++

EXPERIENCE

Senior Backend Engineer

HelloFresh SE | 07/2023 - 11/2024 | Denmark | remote

- Built a Customer Data Platform integration supporting personalized web experiences for **thousands of customers** across countries.
- Built marketing data pipelines and microservices feeding machine learning models and the data lake for ad spend optimization and experimentation.

Technologies: Prefect, Databricks, Google Ads APIs, Meta Marketing APIs, plus the full technology stack used in the previous Backend Engineer role.

Backend Engineer

HelloFresh SE | 12/2021 - 07/2023 | Germany | hybrid

- Developed real-time and batch pipelines for customer data ingestion and a unified customer profile used by most marketing teams.
- Enabled cost-effective targeted campaigns and personalized customer experiences.

Technologies: Apache Spark, Apache Airflow, Apache Kafka, RabbitMQ, Kubernetes, AWS (EMR, S3, Glue, ElastiCache, RDS, EKS, IAM), Terraform, Python/FastAPI, Redis, Postgres, Prometheus, Grafana, GitHub Actions.

Senior Software Developer

SiDi | 03/2021 - 10/2021 | Brazil | remote

- Developed cloud services for cryptography and machine learning model deployment in the Samsung Knox ML Model Protection platform, potentially targeting **millions of devices**.
- Designed and coordinated an internal trial platform for Samsung Knox ML cloud services and worked remotely with the South Korea team.

Technologies: Java/Spring, MongoDB, AWS (S3, EC2), TypeScript, Next.js, mTLS.

Full Stack Developer

Crédito Express | 10/2019 - 03/2021 | Brazil | remote

- Built a white-label payroll loan platform from inception to production; it issued **1 million BRL in payroll loans** after one year.
- Contributed as a lead developer to the platform's architecture and foundation.

Technologies: Python/Flask with Pytest, JavaScript/React with Cypress, GCP (Cloud Run, Pub/Sub, Secrets Manager, IAM, Dataflow, Cloud Functions, Cloud Storage, Firebase), AWS (SNS, SQS, SES), GitLab CI/CD, Terraform, Sentry.

Full Stack Developer

Algar Tech | 10/2018 - 05/2019 | Brazil | on-site

- Developed a SaaS digital billing application and an infrastructure monitoring system for remote servers.

Technologies: Python with AWS (Lambda, DynamoDB, SNS, RDS, CloudFormation, S3) and the Serverless Framework.

Full Stack Developer

Projetas Negócios & Serviços | 01/2018 - 09/2018 | Brazil | on-site

- Delivered customer prospecting, marketplace data analysis, and digital billing software for banks and companies including Bradesco, Tribanco, Grupo Martins, and Callink.
- Worked across varied clients, domains, and business needs.

Technologies: Java/Spring, TypeScript/Angular 2+, OracleDB, MySQL, RabbitMQ, Docker, Jenkins, JHipster.

EDUCATION

Bachelor of Science, Mechatronics Engineering | Universidade Federal de Uberlândia, Brazil | 08/2009 - 07/2017

Student Exchange Program in Electrical Engineering and Computer Science | Leibniz Universität Hannover, Germany | 02/2013 - 02/2014

LANGUAGES

Portuguese: Native (mother tongue) | English: Full Professional Working Proficiency (self-taught) | German: Intermediate (DSH-2 certificate - Date: 03/2014)