

Delton de Andrade Vaz

Senior Fullstack Software Engineer

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PROFILE

Fullstack engineer with 5+ years of production experience across the stack — React/TypeScript on the frontend, Python (FastAPI) on the backend. Contributed to an AWS-to-GCP migration of a machine-learning inference platform and helped build a shared design system on an Nx monorepo. Comfortable working within ISO 27001 / GDPR-compliant environments. Also worked on data engineering topics (GCP BigQuery, dbt). Franco-Brazilian, trilingual (EN/FR/PT).

PROFESSIONAL EXPERIENCE

Fullstack Software Engineer — SENOEE

Jan 2023 – Present

- Contributed to migrating and modernizing a machine-learning inference platform from AWS to GCP (FastAPI, Celery/RabbitMQ async processing, Docker), including configuring GCP IAM/workload identity via Terraform
- Gained hands-on exposure to the team's Kubernetes and Helm-based deployment setup, and to GitOps practices via ArgoCD, maintained together with the DevOps team
- Initiated and built the company's shared design system as principal developer — React/TypeScript on an Nx monorepo, with Storybook documentation and Chromatic visual validation, working closely with the UX/UI designer — a representative DataGrid component build dropped from ~3 days to ~1.5 days
- Designed a central configuration management system: started with simple JSON snapshots for low write-frequency data, then evolved it to a versioned PostgreSQL model as requirements grew
- Also worked on data engineering topics using dbt and GCP BigQuery
- Ran an internal workshop ("dojo") with the dev team to introduce dbt fundamentals
- Collaborate within a 5-person engineering team; currently part of a 3-person data team

Software Engineer — HCube Conseil

May 2021 – Jan 2023

React.js & Python developer — IT consultancy

- Built a molecule-handling research application for Sanofi (React, Python), supporting internal R&D workflows
- Delivered frontend features in React for a project with FDJ (Française des Jeux)

Software Engineer Intern — smartTrade Technologies

Mar 2020 – Sep 2020

- Migrated monitoring data to Elasticsearch and built dashboards to exploit it (Java 9, Spring, Gradle, Elastic stack)
- Developed frontend components with PonySDK (GWT) and CSS3
- Worked in an Agile team using Jira and ClickUp

EARLIER EXPERIENCE

R&D and software engineering internships at INRIA (Zenith team, relational/NoSQL data integration), Axur Digital Risk Protection (distributed microservices with RabbitMQ), and UFRGS Data Processing Center (backend development in PHP) — 2016–2020.

EDUCATION

M. Eng., Computer Science & Management — Polytech Montpellier, France (BRAFITTEC exchange)

Sep 2018 – 2020

B. Eng., Computer Engineering — Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

Aug 2013 – Jul 2018

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript (ES8), HTML/CSS, Nx monorepos, Storybook, Chromatic

Backend & Data: Python, FastAPI, Celery/RabbitMQ, SQL, PostgreSQL, dbt, BigQuery

Cloud & Infrastructure: AWS, GCP (IAM/workload identity), Docker, working knowledge of Kubernetes/Helm/ArgoCD/Terraform

Practices: Agile/Scrum, ISO 27001, GDPR/RGPD

LANGUAGES

Portuguese (native) · English (fluent) · French (fluent)