

Salah Ajouaou

Software Developer

Software developer building reliable web applications, APIs and automations, from first idea to production. I work across the full stack, care about clean and maintainable code, and use AI where it adds real value. My background in bioinformatics makes me equally at home in data analysis: turning raw data into clear insights.

Currently working at **GenomeScan** · salah.aj3211@gmail.com · 06 84 03 17 96 · linkedin.com/in/salah-ajouaou-9a579a2b3 · github.com/Salah3211 · salahajouaou.nl



01 Experience

Software Developer	Jun 2024 — present
GenomeScan · Leiden	
- Build web applications and APIs in Django, Vue.js and Python for the lab and its customers: the LIMS, the customer portal and data tooling - Automate lab and business processes end to end, from sample intake to data delivery - Apply AI in production: agents, retrieval over internal documents and an automatic proposal drafter	
Django · Vue.js · PostgreSQL · Celery · OpenAI	
Bioinformatics Intern	Sep 2023 — Jun 2024
GenomeScan · Leiden	
- Developed a quality-control system for Next-Generation Sequencing data, including its QC database and a Django interface - Implemented checks that flag patterns pointing to problems in the sequencing process	
Python · Django · SQL	
Earlier experience	
Hogeschool Leiden · LUMC · CHDR · Albert Heijn	
Full-stack Developer Intern · LUMC	May 2023 — Jun 2023
Built the SSLP-analyzer, a Django tool for FSHD genetic diagnostics.	
Data Analyst Intern · Centre for Human Drug Research	Oct 2022 — Feb 2023
Analysed and visualised trends in clinical datasets; cleaned and validated data.	
Student Assistant Programmer · Hogeschool Leiden	Feb 2021 — Aug 2023
Built an automatic homework checker in Python and R, plus databases and in-house tools.	
Team Leader · Albert Heijn · Rotterdam	Jan 2018 — Jan 2020
Led the filling crew: daily briefings, planning and onboarding new colleagues.	

03 Skills

Programming languages

Python

JavaScript

TypeScript

SQL

R

Java

Bash

Frameworks & platforms

Django

Django REST

Vue.js

React Native

Expo

Celery

Channels

AI & data

OpenAI API

Claude API

RAG

ChromaDB

AI agents

pandas

NumPy

Tooling

Git

Docker

PostgreSQL

Redis

Linux

Slurm

Jenkins

Expertise

API development

Process automation

AI applications (agents, RAG)

Bioinformatics & data analysis

Web design & UX

Languages

Dutch

English

Native

Fluent

02 Education

- **BSc Bioinformatics** 2020 — 2024
Hogeschool Leiden
An analytical foundation where biology, data and software meet.
- **HAVO, Nature & Health** 2014 — 2020
Avicenna College · Rotterdam

Let's talk.

Open to roles in software development, data and AI.

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Projects & portfolio: **salahajouaou.nl**

04 Certification

- 🏆 **Professional Scrum Product Owner I (PSPO I)**
Scrum.org · Certified
- 🏆 **Vue.js**
Codecademy · Certified
- 🏆 **Secure Programming**
Security Academy · Certified