



Mohamed Bennekrouf

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[GitHub](#) | [LinkedIn](#) | [Personal](#)

Work Experience

Mayorana - Rust / IA focused small company

Technical Lead Developer

2022 - Present

- Built an NLP/LLM based program that converts sentences to API calls. Based on Rust / Ollama / Deepseek R1 / Iggy messaging and Micro-services. See [api0.ai](#).
- Built a rust based technical debt analysis solution for Etat-de-Vaud administration (400 applications): technical debt computation, technical specification extractor, auto pull request automate.
- Developed a log library based on gRPC. Provided support to developers for using it. See [crate grpc_logger](#).

Concreet

CTO - Founding software engineering - Lead a team of 6 developers

2016 - 2021

SAAS platform built with Node.js to manage real estate projects and track collaborators' activities through a mobile app

- Implemented core backend features :authentication, database connectors, API, while defining the technical stack and application architecture based on nodejs.
- Hands-on development of CI/CD pipelines, AWS S3 integrations, and process management with PM2.

eJust

CTO

September 2018 - June 2019

Migration and modernization of a justice arbitration and mediation platform backend to a multi-tenant architecture

- Migrated a monolithic Java backend to a multi-tenant architecture.
- Managed AWS infrastructure and implemented CI/CD pipelines, automating deployments and ensuring operational reliability.

CGI

Lead developer - Architect

2007 -- 2015

- Led a frontend team to develop an enterprise application used by more than 5000 pharmaceutical professionals (inpart.io), developed POCs using Beacon, GPS detection for mobile app
- Data analysis and database architecture to build a new credit scoring system (Coface services)

Accenture

Consultant

1998 -- 2006

- Developed architectural components (proxy, cache, authentication) and some UI components (Banques Populaires)
- Developed a back-end data persistence framework using: MQ-Series / WebSphere / COBOL programs (Banque Générale du Luxembourg)

Technical Skills

Languages Rust (3y) | Typescript (5y) | JavaScript (>10y) | Java (>10y)

Frameworks NodeJS | React | Angular

Others gRPC | Git | Linux | OpenShift | MongoDB | SQL

Certifications & Education

OpenShift - Administration I

(2024)

Computer Science University Degree (Programming) - Lyon Claude Bernard

(1998)

Science high-school diploma - Lycée La Pléiade

(1996)

Languages

- French (Mother tongue)
- English (Fluent)