Ousama Ajebbar

Full-Stack Software Engineer

Agadir, Morocco

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Full-stack software engineer with 3+ years building and running production web systems, from React front ends to the servers they run on. Has worked from COBOL on IBM systems and Java EE card payments to TypeScript, for insurers, banks and product teams in Switzerland and France. Takes over live codebases and keeps them shipping in small, steady releases, working directly with founders and clients.

EXPERIENCE

Full-stack Engineer, GenLots

Feb 2026 — present

Switzerland (remote)

- Modernised a long-lived React application for supply planning: build tooling, state management, component library and React version, upgraded in place rather than rewritten.
- Now maintain the platform: run the release process in small increments that can each be reviewed on their own, and own the automated test suite that gates every one.

Full-stack Engineer, Novenext

Dec 2024 — Jan 2026

France (remote)

- Built SDSL, a case-management platform over a private archive of files, mailboxes and recordings, end to end with Next.js, TypeScript, Prisma, PostgreSQL and AWS.
- Designed imports as resumable background jobs with pause, resume and retry, so long mailbox imports survive partial failures instead of starting over.
- Integrated LLM transcription and summarisation of recordings, making long conversations searchable alongside documents and email.

Full-stack Engineer, Freelance

Dec 2023 — present

Agadir, Morocco

- Deliver client projects end to end: design, development, infrastructure and ongoing operations.
- Built and run a booking platform for a Moroccan guesthouse: bilingual public site (French and English), admin back office and online payments.
- Migrated it from managed serverless platforms to a single self-managed server, cutting hosting costs by over 50%.
- Cut the server bill by 19% while doubling capacity, from 2 to 4 cores and 4 to 8 GB of memory.
- Built a portfolio site for a stage and screen actor on a headless CMS (TinaCMS), so he updates headshots, credits and reels without a developer.

Payment Services Support Engineer, HPS

Aug 2023 — Dec 2023

Casablanca, Morocco

- Resolved 25+ production defects in PowerCARD 3.5, HPS's card-payment platform used by 500+ institutions in 100 countries (Java EE, Oracle PL/SQL).
- Performed root-cause analysis on incidents reported by banks and delivered fixes through every environment within contractual SLAs.
- Documented the procedure for running the database and Unix environments in Docker.

Application Developer Intern, Atos

Apr 2023 — Aug 2023

Casablanca, Morocco

- Maintained COBOL and CL programs over DB2 on an insurer's IBM iSeries (AS/400) back office.
- Took part in unit and integration testing of those programs, and worked with data sets in DB2 SQL.
- Worked on z/OS for the Allianz project, a second mainframe family.

PROJECTS

sninat byousama.pages.dev/projects/sninat

Dental marketplace for Morocco. Rebuilt its search parsing against a public eval: fully correct searches from 18.8% to 63.8%, cities read right from 72.5% to 98.8%, and no model calls where the old path made 48 per 100.

morocco-communes communes.pages.dev

Open dataset and HTTP API for Morocco's 1,503 communes: HCP codes, the 2024 and 2014 censuses and OpenStreetMap boundaries, with an MCP server for AI agents.

unbloat byousama.pages.dev/projects/unbloat

Terminal tool that gets back the disk space WSL and Docker Desktop keep after deletion: 7.6 GB from one disk where a trim in the wrong distro returned 0.9 GB.

replaceable-vps byousama.pages.dev/projects/replaceable-vps

A server kept in code with OpenTofu and Ansible on Hetzner and Cloudflare: replacing the machine is one command, and every DNS record follows it to the new address.

prose-tells byousama.pages.dev/projects/prose-tells

A check for 18 sentence shapes that read as machine-written. Runs on plain Node, fails a build when it finds one, and ships as a skill for coding agents.

EDUCATION

State Engineering Degree, Computer Engineering 2018 — 2023
École Polytechnique d'Agadir

CERTIFICATIONS

- CCNA Routing & Switching · Cisco
- Network Security · Cisco

SKILLS

Languages	TypeScript, Python, Go, Bash
Frontend	React, Next.js, Astro, TanStack Router, Tailwind CSS, Vite
Backend	Node.js, NestJS, Hono, PostgreSQL, Prisma, Drizzle, Redis, BullMQ
AI	LLM evaluation, MCP servers, Claude Code, Cursor
Cloud	Cloudflare Workers, D1, R2, Queues, AWS EC2, S3, RDS, Hetzner
Infrastructure	Linux, Docker, OpenTofu, Ansible, nginx, Traefik, GitHub Actions, Dokploy
Practice	Playwright, Vitest, Jest, OpenAPI, i18n, Sentry, Lighthouse CI

LANGUAGES

Amazigh	Native
Arabic	Bilingual
French	Professional working proficiency
English	Full professional proficiency