ABDERRAHMAN KHALLADI

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PROFILE

Full-stack engineer, three-plus years across web applications and back-end services, mainly Angular on the front and Spring Boot or NestJS behind it. Currently working on a management layer for a cloud provider that brings virtualisation, monitoring and service-desk tooling under a single API. Final-year software engineering student, looking for an engineering internship abroad.

EXPERIENCE

SOLIDWALL CONSULTING — Tunis, Tunisia **September 2024 – Present**

Software Consultant

Cloud operations platform — current assignment, for a cloud service provider

- Designed the virtualisation layer over Proxmox and VMware vCenter — provisioning, template-based builds, migration between cluster nodes, node draining and per-tenant OPNsense firewalls — with Zabbix metrics and alerts read against each resource instead of in a separate console.
- Split the platform into NestJS microservices and wired GLPI in as the ITSM back end, so a ticket raised on a VM arrives carrying its inventory and monitoring context.
- Secured the REST API with MFA and JWT, and set up GitLab CI/CD pipelines releasing to pre-production and production VPS hosts behind Nginx.

National project portfolio platform — with Expertise France, for the Tunisian government

- Built a central platform for tracking ministerial projects, consolidating data from more than 50 state programmes across every ministry.
- Added a scoring and prioritisation model that shortened project review and gave funding committees a comparable basis for their decisions.
- Set up role-based access for around 100 users from different ministries, keeping sensitive project data compartmentalised; built the KPI dashboards used to follow progress.

Stack: Angular · Spring Boot · Java · Python · NestJS · PostgreSQL · Proxmox · VMware vCenter · Zabbix · GLPI · OPNsense · Docker · GitLab CI/CD · Agile

ARABSOFT — Tunis, Tunisia **February 2023 – August 2024**

Full-Stack Web Developer

- Shipped a hotel reservation application on top of the XLIA PMS, with live availability updates and automated guest correspondence.
- Rebuilt the room administration and sales-channel modules of the PMS on NestJS and Angular, cutting the time front-desk staff spend on daily administrative work.
- Reworked the room-key encoder integration, widening hardware compatibility by 30% and reducing key-related incidents.
- Wrote an HR portal on top of Arabsoft's GRH product, taking paperwork out of routine staff requests.

Stack: Angular · NestJS · Spring Boot · .NET · Oracle 11g · PL/SQL · WinForms · Docker · SVN · Scrum

SOPRA HR SOFTWARE — Tunis, Tunisia **February 2022 – June 2022**

Final-Year Internship

- Built a project management platform with a recommendation engine for task assignment, aimed at spreading workload more evenly across a team.
- Added an interactive Kanban board with drag-and-drop and a project calendar for scheduling and follow-up.

Stack: Angular · Spring Boot · Java · MySQL · JWT · Postman · GitHub · Scrum

EDUCATION

Engineering Degree, Software Engineering and Information Systems — iTeam University Polytechnique, Tunis **Expected June 2027**

Bachelor's Degree, Information Technology — ISET Charguia, Tunis **June 2022**

SKILLS & LANGUAGES

Languages	Java, TypeScript, JavaScript, Python, SQL, PL/SQL, HTML/CSS
Frameworks	Spring Boot, Angular, NestJS, Node.js, Express, Next.js, React, .NET
Data	PostgreSQL, Oracle 11g, MySQL, MongoDB, Prisma, RabbitMQ
Infrastructure	Docker, Proxmox, VMware vCenter, OPNsense, Zabbix, GLPI, Nginx, Git, GitLab CI/CD, GitHub
Spoken	Arabic (native) · French (bilingual) · English (IELTS 7.5 — C1, British Council)
Certificates	Angular — Coursera (2022) · MEAN Stack — CrocoCoder (2019)