



## HMAD AIT EL CAID

Senior Full Stack Engineer & Tech Lead | Angular | React.js | Node.js | JAVA | RUST | AWS | Technical Leadership | 10 years experience

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### Summary

I'm HMAD, a Senior Full-Stack and Tech Lead Software Engineer with 10+ years of experience, taking full ownership of projects from A to Z including benchmarking, technology selection, system architecture, CI/CD pipelines, development, deployment, security hardening, and production monitoring.

Beyond hands-on development, I act as a team owner and technical leader, mentoring engineers, reviewing architecture and code, and ensuring long-term maintainability, performance, and security.

I focus on building scalable and resilient systems capable of handling millions of requests, leveraging load balancers, Nginx/HAProxy, Node.js clustering (PM2, Docker), and replicated databases to ensure high availability and fault tolerance.

### Experiences

#### Senior Consultant (B2B contractor) - Bug Recorder

London, Remote 2025 - present

- Took ownership of the entire project, from benchmarking and technology selection to architecture design and development.
- Built a high-performance Analytics & Bug Tracking platform capable of handling large-scale requests (analytics, session recording, error tracking, forms).
- Managed a team of 5 developers, created stories, reviewed and managed PRs, and maintained project documentation.
- Managed 3 physical dedicated servers, handling security, scalability, and server maintenance.
- Maintained CI/CD pipelines using GitLab for continuous deployment.

#### Senior Angular Developer (Linksoft - Cornerstone)

USA, Remote 2022-2025

- Worked primarily as a Senior Angular Developer on a complex **EdCast** project, an AI-powered talent experience platform that unifies learning, knowledge management, and career development for enterprises. The project consisted of **7 Angular applications**, some managed using an **Nx monorepo** and others maintained as independent projects, spanning multiple Angular versions, including **legacy AngularJS**.
- Maintained and developed a backend service using **NestJS**, **Pug**, and **AWS SES** for email delivery, leveraging NestJS's Angular-like architecture to build scalable and maintainable services.

#### Contractor (Fastest E-commerce Landing Page Generator)

UK, Remote 2022

- Develop a platform to generate the fastest landing page that loads in less than one second, developed using Angular 12 (**Admin Dashboard**) + Node.js (cheerio)

- The landing page loads in less than 1 second It is using all the techniques that make a web page load fast:

- \* Use only Vanilla Script (generated landing page)

- \* Use defer & Async for Scripts

- \* Inline CSS

- \* Flexbox for responsive UI

- \* Make pictures load in lazy mode

- \* Use dns-prefetch

- \* Use preload link for main pictures, scripts

- \* Use fetchpriority="high" for pictures that are in the main view

- \* Use WebP format for pictures

- \* Using CDN to deliver static resources (images, css files)

- \* Using Open Light Speed as web server

- \* More than 95% Performance for both mobile & Web (PageSpeed Insights)

#### Full Stack Developer (Aifora.com)

DE, Remote 2020 - 2022

- Developed an AI-powered platform for e-commerce pricing strategies, directly contributing to campaign performance, attribution measurement, and audience analytics using Angular.
- Utilized Node.js with GraphQL for flexible API design, integrating complex data with Spring-based microservices to deliver critical business insights.
- Create architectures solution for new features (confluence page)
- Divide the feature into tickets (Epic, user stories, and task)
- Implement the features using the Angular framework
- Implement the unit test >80% using the Jasmine framework
- Upgrade Angular from version 7 to 8 then 9 then 10
- Review the PRs of the team, and make sure they respect the best practices
- Implement the UI design
- Fixing bugs and testing for usability
- Managed **4 frontend developers**, reviewed and analyzed pull requests, split and refined stories, and handled the onboarding process.

#### Freelancer

Freelancer 2019 - 2020

- Delivered robust web and mobile applications for diverse clients, leveraging Node.js, React.js Angular to build responsive and performant user experiences.
- Focused on full-stack development, ensuring end-to-end functionality and scalability for various client needs.

#### Freelancer (SINFOTHEK)

Remote 2017-2018

- Developed a mobile inventory management application, utilizing Node.js for backend services and Ionic (Angular-based) for the front-end, handling data synchronization.

#### Freelancer (ValueIT)

Remote 2016-2017

- Developed a JavaFx Application for Workers' compensation benefits with MySQL database.
- Maintained a **legacy AngularJS (version 1)** application for **selling SIM recharges**.

### Education

#### Master's Degree in Computer Science Engineering

ENSET Mohammedia 2016 - 2019

Field: Software Engineering

#### Associate's Degree in Computer Science Engineering

EST Meknes 2014 - 2016

Field: Computer Science

#### High School Diploma

HASSAN II High School 2014

Field: Physical sciences

### Skills

- **Back End:** Node.js (Express & Nest.js), Rust, JAVA / JEE, JavaFx
- **Front End:** React, Angular, Tailwind CSS, GraphQL, RXJS, NGRX, Redux, Zustand, SASS/LESS
- **Testing:** Jest, Mocha, Vitest, JASMINE
- **Database:** Click-house, MongoDB, MySQL, Oracle Database
- **Mobile:** React Native, Ionic & Cordova
- **Others:** Git, Docker, CMS, GNU/LINUX, Unit Test, VPS, HTML, JS, CSS & Code Quality
- **Agile Methods:** Kanban & Scrum

### Languages

- **English:** C2 - Proficient

- **French:** C2 - Proficient

- **Turkish:** Intermediate

- **Berber:** Native

- **Arabic:** Native

### Projects & Entrepreneurship

- **ChatBot Assistant (Shopify App):** Developed an AI-powered live chatbot for e-commerce stores, demonstrating integration with major platforms and leveraging AI for customer engagement and data insights (relevant to digital marketing and audience interaction).

- **YouTube Videos Summarizer (summarizemyvideo.com):** Built a tool to extract transcripts and summaries from YouTube videos, showcasing experience with external API integration (YouTube Data API), content processing, and generating insights from unstructured data.

- **Chat with PDF, and Docx Files (chatwithanydocument):** Engineered an AI-driven platform for document interaction using RAG (Retrieval-Augmented Generation) and OpenAI, highlighting expertise in large-scale data ingestion, indexing, and advanced search/retrieval systems.

- **ValidateIdea.io:** Entrepreneurial project focusing on product validation through user feedback, demonstrating understanding of market needs and agile development principles for launching MVPs and iterating quickly.

- **React Course (jspro.online):** Created an educational platform for mastering advanced React concepts and interview questions, reinforcing expertise in modern front-end development.

- **Maintaining Tourism agency website:** <https://moroccotripsagency.com/> (my brother local agency website)