

Hani ISMAIL

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SUMMARY

Full-Stack Web Developer with 5 years of experience across **international** companies and clients with proven ability to lead teams and ship impactful products, building scalable solutions using Node.js, React, and AWS. Delivered high-performance systems serving **over 410,000 users**, driving measurable gains in speed, engagement, and scalability. Excellent at leveraging AI tools to boost development speed.

EDUCATION & CERTIFICATES

Ecole Polytechnique Sousse (<i>Software engineering major</i>)	Tunisia
AWS Solutions Architect Associate	10/ 2025
IELTS (C1)	05/2025
Test Evaluation Francais (C1)	10/2024

WORK EXPERIENCE

Full Stack Web Developer (Backend Focused), TakiAcademy, Tunisia	06/2021 – Current
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- Led 3 members cross-functional team (backend, mobile, QA test) using Agile/Scrum directing the backend development, conception, and cloud architecture for a LinkedIn-style platform for European footballers delivering 95% of milestones on time across all projects.
- Architected an AI-based recommendation systems into client applications using OpenAI API, increasing user engagement by 20% through personalized content & product suggestions.
- Engineered a real-time messaging and notification feature using Socket.io, Firebase for push notifications, and integrated Stripe API for payments, serving 5,000+ monthly users.
- Automated CI/CD pipelines using Jenkins and GitHub Actions for building and deployment processes, improving deployment speed by 30% and reducing server latency by 15%.
- Migrated from a single-tenant to a multi-tenant MongoDB architecture, engineered a SaaS infrastructure supporting multiple organizations under a single codebase, and reduced deployment overhead by 40%.
- Optimized queries and utilizing Redis for caching and session management boosting performance by 20% for Tunisia's largest learning platform serving +410k users.
- Built scalable cloud solutions using IAM roles, S3 for storage, CloudFront for caching, DynamoDB for database management, improving secure data access by 50%.
- Developed a React-based frontend with Redux state management, optimizing data retrieval speeds by 50% through lazy loading and TanStack.
- Directed backend conception of models and cloud, architecture with Typescript, AWS and REST API for a multi-national startup in Tunisia & Qatar, reducing time-to-market by 60%.

Full Stack Developer, Freelance, Montreal Canada	01/2025 to 09/2025
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- Developed full-stack CRM solution (React, Next, Tailwind, Node.js, MongoDB) for a Quebec based recycling business, enhancing operational efficiency.
- Selected and spearheaded the implementation of the tech stack, prioritizing production stability and increasing project efficiency by 50% while minimizing future technical debt.
- Overhauled database indexing and queries using MongoDB and Redis, accelerating platform performance by 30% and integrated SupaBase for storage and global CDN

RELEVANT PROJECTS

Linkefoot: (<https://linkefoot.com>): Team Lead and Backend lead developer

Proximabel: (<https://proximabel.com>) Consultant and Full-stack developer

TakiAcademy: (<https://takiacademy.com>) Backend Developer

MyGreenWork: (<https://mygreenwork.com>) Consultant Freelancer and Full-stack Web developer

LANGUAGES & SKILLS

Frontend: React.js, Next.js, Redux, HTML/CSS, Tailwind, Tanstack, Zustand

Backend: Typescript, Node.js, Express.js, RESTful APIs, Socket.io, Stripe API, Firebase.

Databases: MongoDB, MySQL, Sequelize, Mongoose, SupaBase, Neon.

DevOps: AWS (EC2, S3, Route 53, IAM, CloudFront).

Tools: Jest, Swagger, Git, GitHub Actions, Replit, Claude Code, Cursor, Prompt Engineering.

Languages: Arabic (Native), English (Bilingual), French (Full Professional Proficiency)