Hani ISMAIL

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SUMMARY

Full-Stack Web Developer with 4+ years of experience building scalable cloud 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. Skilled in backend architecture with proven ability to lead teams and ship impactful products.

EDUCATION & CERTIFICATES

Ecole Polytechnique Sousse *(Software engineering major)*	*Tunisia*
AWS Solutions Architect Associate	*09/ 2025*
IELTS (C1)	*05/2025*
Test Evaluation Francais	*10/2024*

WORK EXPERIENCE

Full Stack Web Developer (Backend Focused), TakiAcademy, **Tunisia**   *06/2021 – Current*

- 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 S3 for storage, AWS Lambda for serverless functions, and RDS 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   *05/2025 to 08/2025*

- Developed full-stack solutions (React, Node.js, MongoDB) for a Quebec 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%.

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, Tanstack.
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)