

Mohamed Wael Ben Mustapha

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WORK EXPERIENCE

Eneffic

Tunis

TEAM LEAD

Apr 2025 – Present

- Lead the frontend team, assigning tasks, conducting code reviews, and overseeing pull requests to ensure code quality and project delivery.
- Conduct daily standups, manage Jira boards, and coordinate sprint planning and progress tracking.
- Support testing efforts and contribute actively as a hands-on developer, ensuring alignment between team output and project goals.

Eneffic

Tunis

FULL STACK WEB DEVELOPER

Apr 2024 – Present

- Develop and maintain full stack applications using Vue.js and Django, focusing on scalability, performance.
- Integrate RESTful and third-party APIs; optimize MySQL database queries for performance.
- Implement dynamic PDF generation using PdfLib and create data visualizations with Chart.js.
- Setup CI/CD pipelines with GitHub Actions; manage Dockerized environments and server deployments.
- Handle hosting and DevOps: configure Scaleway servers via SSH, use Docker Hub for image pulls, and NGINX for reverse proxy and routing across environments.
- Design Dockerfiles and manage environment configurations for production and staging.

Key words: **Leadership, Code Review, Task Management, Jira, Agile, Sprint Planning, Daily Standup, Vue.js, Django, MySQL, RESTful API, PdfLib, Chart.js, Docker, GitHub Actions, CI/CD, NGINX, SSH, Scaleway, DevOps, Deployment, Environment Management**

ISET RADES

Rades, Tunis

PART-TIME LECTURER (VACATAIRE)

Sep 2025 – Jan 2026

- Teach "Native Mobile Development with Android" to Master's degree students, covering core Android development concepts, architecture patterns, and best practices.
- Design and deliver weekly lectures and practical sessions on Saturdays, focusing on hands-on application development.
- Develop course materials, assignments, and projects that bridge academic concepts with real-world mobile development scenarios.
- Evaluate student projects and provide technical mentorship on Android application architecture, UI/UX implementation, and code quality.

Key words: **Android Development, Java, Kotlin, Mobile Development, Teaching, Technical Mentorship, Higher Education, Master's Level Instruction, Android Studio**

RealAnalytics

Remote

FULL-STACK WEB DEVELOPER

May 2025 – Present

- Develop and maintain a Next.js 14 application with TypeScript for sports betting odds management, featuring multiple game types (Quiniela, Loto Foot 7/8/12/15).
- Implement authentication system using NextAuth v5 with credential providers, middleware protection, session management with JWT tokens, and role-based access control.
- Design custom React Context providers for centralized state management across game modules, handling real-time odds data, calculations, and user preferences.
- Build Python data pipeline on Google Cloud Functions that fetches football odds from SportMonks API and stores time-series data in MongoDB; architect matchday-based optimization reducing API calls by 80% and execution time from 60seconds to less than 10seconds.
- Design MongoDB schema with time-series odds tracking, implementing automated cleanup functions and retry logic with exponential backoff for API resilience.

Key words: **Next.js 14, React, TypeScript, NextAuth, RESTful API, Python, MongoDB, Google Cloud Functions, pymongo, SportMonks API, Tailwind CSS, TanStack, dnd-kit, Git, Serverless Architecture**

Football AI Research.

Malta (Remote)

FULL STACK WEB DEVELOPER

Jan 2023 – Apr 2024

- Developed a responsive React.js and Node.js website with microservices architecture. Achieved 50% reduction in server response time and a 40% decrease in deployment time through CI/CD pipelines using Google Cloud Build.
- Reduced errors by 50% by enhancing operational efficiency in a GCP environment, developing cloud-based scheduler functions, an alerting system, and conducting comprehensive unit testing for software reliability
- Administered media content using Google Cloud Storage and collaborated closely with UX/UI teams for responsive design, utilizing Jira and Kanban within an agile framework.
- Integrated a subscription system using Stripe, enhancing the platform's revenue model with secure and flexible payment options, significantly improving user experience.

Key words: **React.js, Node.js, Microservices, CI/CD Pipelines, GCP, Cloud Functions, Testing, Cloud Storage, Jira, Kanban, Agile, Stripe, Auth0, Subscription System, ChartJs. Dnd**

FREELANCE PROJECTS

FULL STACK MOBILE DEVELOPER

Feb 2025 – Apr 2025

- Created “Napp: Yoga Nidra” a cross-platform app using React Native that allows users to access audio sessions
- Enabled background playback and offline audio caching to ensure seamless meditation experiences
- Integrated RevenueCat for managing subscriptions and purchases across iOS and Android
- [App Store Link](#) / [Play Store Link](#).

Key words: **React Native, Node.js, JavaScript, Google Cloud Platform (GCP), Revenue cat, In-app purchases, S3 bucket**

FULL STACK MOBILE DEVELOPER

Jul 2022 – Current

- Created “SVEJAR” a cross-platform app for yogis to create/practice and organize yoga sequences
- Implemented in-app purchases and subscription models, enhancing monetization and user engagement by 30%.

- Supervised deployment on Google Cloud Platform (GCP), overseeing all hosting and cloud services.
- Achieved a 4.9-star rating and over 1000 downloads across the App Store and Play Store.
- [App Store Link](#) / [Play Store Link](#).

Key words: **React Native, Node.js, JavaScript, Google Cloud Platform (GCP), Revenue cat, In-app purchases, S3 bucket**

MOBILE DEVELOPER Apr 2022 – May 2022

- Developed "Frässhablonen Aufmaßrechner", a React Native app for routing template calculations.
- Enhanced user base by 35% through the implementation of i18n for multi-language support.
- Managed the publishing process on the App Store and Play Store, ensuring deployment and availability.
- [App Store Link](#) / [Play Store Link](#).

Key words: **React Native, JavaScript, i18n, App Store, Play Store**

ADDITIONAL PROJECTS AND EXPERIENCE

- **Management Dashboard** (React.js, Tailwind CSS, Chart.js)
Built responsive dashboard with reusable components and dynamic data visualization (Dec 2021 – Feb 2022)
- **PawsNeeds Mobile App** (React Native, AWS Lambda, Node.js) – Developed pet services marketplace with location-based search, e-commerce module, and serverless backend architecture (Aug 2021 – Oct 2021)

Key words: **React.js, React Native, Node.js, HTML, Tailwind CSS, Chart.js, AWS Lambda, AWS S3, Google Maps API, Data Visualization, Data Parsing, E-commerce, Serverless Architecture, Responsive Design**

EDUCATION

Higher Institute of Technological Studies of Rades Rades, Ben Arous
Master's Degree, Mobile App Development Sep 2021 - Jul 2023
Relevant Coursework: IOS/Android development, Project Management, Scrum methodology, UI/UX

Higher Institute of Computer Science Mahdia Hiboun, Mahdia
Bachelor's Degree, Networking and Administration Sep 2018 - Jul 2021
Relevant Coursework: Cisco CCNA, Matlab, Operating Systems, Algorithms

TECHNICAL SKILLS

Programming: JavaScript, Python, TypeScript, JAVA

Front End: React.js, React native, Vue.js, Next.js HTML, CSS, Sass, Redux, Bootstrap, Chart.js, Dnd, i18n

Back End: Node.js, Django, Express.js, Spring Boot, RESTful API Design, Microservices, Serverless Architecture

Database Management: SQL, NoSQL, MongoDB, SQL Server, MySQL

DevOps & Version Control: NGINX, GitHub Actions, Scaleway, Docker Hub, SSH, Automation, Environments

Testing: Jest, React Native Testing Library, e2e Detox

Payment & Subscription Services: Stripe, RevenueCat, appStore/Playstore in App Purchase

Project & Team Management: Scrum, Kanban, Agile, Jira, Trello, Confluence, Task Assignment, Standups

Languages: English: Fluent, French: Conversational, Arabic: Native