

Oussama Kefi

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WORK EXPERIENCE

Ecosystem Planning & Restoration

Jun 2025 - Present

Software Developer - Full Time

Remote - Texas, USA

- Architected a GIS-based web platform with Next.js, leveraging PostgreSQL + PostGIS via Prisma to deliver efficient spatial queries, advanced geolocation management, and geospatial data visualization workflows.
- Designed a geospatial data pipeline converting shapefiles into GeoJSON and rendering them with Leaflet.js, enabling dynamic, interactive maps with optimized performance for large datasets.
- Implemented and integrated AWS services (S3, Lambda) to support scalable storage and processing of geospatial data.
- Enhanced platform performance and user experience through frontend/backend optimizations and responsive design, while collaborating with cross-functional teams to extend features, implement APIs, and manage full deployment cycles.

AttoFlow Consulting

Jan 2025 - Jun 2025

Full Stack Developer - Internship

Tunis, Tunisia

- Developed a full-stack calendar synchronization and scheduling platform using the MERN stack (MongoDB, Express.js, React.js, Node.js), boosting user productivity by 30% and demonstrating expertise in full-stack development.
- Engineered real-time data synchronization and integrated third-party services using Google API and Microsoft Graph API, improving data accuracy and optimizing user experience.
- Constructed and consumed RESTful APIs to manage seamless data exchange between front-end and back-end components, ensuring robust communication and data integrity.

Robotic Node LTD

Aug 2024 - Nov 2024

Full Stack Developer - Contract

Remote - London, UK

- Redesigned billing system architecture using Laravel, integrating payment gateway and cloud management APIs to streamline transactions and enhance system reliability by 30%.
- Enhanced website performance by reducing page load times by 50%, which increased organic traffic and boosted search engine rankings.
- Automated CI/CD pipelines to expedite deployment processes, ensuring faster delivery and consistent code quality across releases.

PROJECT EXPERIENCE

Founder | kyrix.dev/ainexus

Jan 2023 - Jan 2024

Ai Nexus

Tunis, Tunisia

- Founded an AI-based platform that offers a centralized hub for AI resources where developers, researchers, and business professionals can find their needs in one place categorized, resulting in a 40% increase in productivity.
- Coded a cutting-edge web application utilizing React and TailwindCSS in the front end and NodeJS and Express in the back end, resulting in a responsive design with significantly improved user experience.

Full Stack Developer | tunisianatopgs.com

Jan 2024 - Jun 2024

Tunisian Top Gs

Tunis, Tunisia

- Developed an interactive learning platform for cryptocurrency enthusiasts utilizing Django framework, incorporating real-time market data from Cryptomarket Stats API to provide up-to-date information to users.
- Integrated chat functionality into the platform, boosting user interactions by 50% and enhancing community building.
- Utilized AWS technologies (S3, Kubernetes, and VM instances) to ensure high performance and a seamless user experience.

EDUCATION

University of Tunis El Manar Manar

Sep 2022 - Jun 2025

Licence degree, Business Intelligence

Tunis, Tunisia

SKILLS & INTERESTS

- Frontend Development:** HTML, CSS, JavaScript, jQuery, ReactJS, Next.js, TailwindCSS, Bootstrap, Redux, MUI, TypeScript
- Backend Development:** NodeJS, Python, ExpressJS, OAuth, Laravel, Rest APIs
- Databases:** MySQL, MongoDB, PostgreSQL, GraphQL, PostGIS, NoSQL, SQL
- Tools & Platforms:** Agile Methodology, Git, AWS, Azure, CI/CD, Kubernetes, Docker, Linux Kernel

LEADERSHIP EXPERIENCE

Leo Club Tanit Sokra

Jan 2021 - Present

Media Director

- Played an active role as an associate in organizing and executing community-focused campaigns on humanitarian aid and financial awareness, contributing to improved outreach and engagement.