

MALEK KHANNOUSSI

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PROFESSIONAL SUMMARY

Full-Stack Developer with 3+ years of experience in React, Node.js, and modern web technologies. Proven track record in delivering high-performance applications. Skilled in agile methodologies and UI/UX design, with a strong interest in AI and machine learning.

EDUCATION

HIGHER INSTITUTE OF APPLIED SCIENCE AND TECHNOLOGY OF SOUSSE | *Master's in Applied Engineering* 2022 - 2025

Software Development Life Cycle (SDLC), Agile Methodologies, Software Architecture, Design Patterns, Microservices, Cloud Computing, Containerization Technologies, Web Development, Mobile App Development

HIGHER INSTITUTE OF TECHNOLOGICAL STUDIES OF DJERBA | *B.Sc in Information Systems Development* 2019 - 2021

Applied Software Development, Web Technologies, Project-Based Learning, Agile Development Practices, Web and Mobile Application Development, HTML5, CSS3, JavaScript, Node.js, SQL

EXPERIENCE

C4SAM | *Front-End Engineer*

Vienna, Austria — May 2024 - Present

- Developed user-facing features with React and REST APIs, reducing page load times by 20%.
- Improved data fetching efficiency with state management and caching, boosting performance by 30%.
- Created responsive web pages using HTML5 and CSS3, increasing mobile usability by 25%.
- Collaborated with the team through Jira, GitLab, and Teams to meet project milestones.

AWDPAY.COM | *Freelance Full-Stack Engineer*

Cote d'Ivoire — Jan 2024 – Feb 2024

- Integrated the Wave payment gateway with Node.js and Express, supporting up to 500 transactions per day and enhancing processing speed by 10%.
- Optimized SQL queries and implemented caching, reducing server response time by 15%.
- Developed a user-friendly payment management interface using React and Sass, boosting customer satisfaction and reducing support requests by 20%.

TINKERVIEW | *Full-Stack Engineer*

Djerba, Tunisia — Aug 2023 – Oct 2023

- Led the development of a full-stack web application with React and Node.js, reducing front-end loading times by 40% and enhancing backend scalability.
- Optimized MySQL and PL/SQL queries, achieving a 25% reduction in query execution times.
- Implemented JWT for secure user authentication, cutting security vulnerabilities by 50%.

VINTONET | *Team Leader and Full-Stack Developer*

Djerba, Tunisia — Sep 2022 – Jun 2023

- Led an agile team in developing a SaaS product, increasing sprint delivery rates by 15% through effective project management.
- Boosted deployment frequency by 20% with automated testing, streamlining the release process for new features.
- Mentored junior developers, improving code quality and overall team productivity by 30%.

BEARSTUDIO | *Front-End Developer*

Normandy, France — Jul 2021 – Oct 2022

- Developed key features for React Native apps, improving data fetching efficiency by 35% with React Query.
- Collaborated with designers in Figma to translate prototypes into live UIs, reducing design-to-code errors by 20%.
- Optimized app performance, resulting in lower crash rates and an enhanced user experience across platforms.

VINTONET | *Full-Stack Developer*

Djerba, Tunisia — Feb 2021 – Jun 2021

- Developed a healthcare app with React and Laravel, improving user experience and reducing appointment booking time by 30%.
- Implemented real-time updates using WebSockets, leading to 50% faster data synchronization between users.
- Built secure API integrations, enhancing data flow and reducing response errors by 25%.

PROJECTS

- Cuisinez pour bébé:** Mobile app for baby food introduction (React Native, React-Query). cuisinez-pour-bebe.fr
- Yoome:** Restaurant/bar reservation and payment app (React Native, React-Query). yoome.net
- Bamako:** Web app for sign language interpreter matching (React, Chakra-UI, React-query).
- Workselement:** Contractor information display web app (React, Chakra-UI, React-query). workselement.ae
- KoalaMe:** Customer bill management web app (React, Chakra-UI, React-query). koalame.fr
- Go4Zem:** Bike/scooter rental web app (React, Chakra-UI, React-query). go4zem.com
- C4SAM:** Cybersecurity solution front-end (React, TanStack). Features: security, automation, risk & compliance management.
- MYLDV (VINTONET):** SAAS for logistics document signatures (React/TypeScript, Lumen/PHP). myldv.fr
- Medical Practice Management Tools:** Web/mobile tools for medical practices (Laravel, React, Chakra-UI, React-query). GitHub: khannoussi-malek/tbiby

LEADERSHIP & ACHIEVEMENTS

MICROSOFT ISSATSO CLUB | Head of Web Development Department

Oct 2023 - Jun 2024

- Developed and led a comprehensive web development curriculum, resulting in a 70
- Organized 2 major tech events, securing 3 corporate sponsorships
- Mentored 60+ students in advanced web technologies

HACKATHON ACHIEVEMENTS

- 1st Place: GIZ Tunisia Hackathon - Developed an AI-driven solution for sustainable agriculture
- 3rd Place: AI and Big Data Democratization Hackathon
- Created a scalable data analytics platform for SMEs

CERTIFICATIONS

NVIDIA

- Applications of AI for Predictive Maintenance: Sep 2024
Credential ID: 38XtOjStR1qLXwTBdn0PuA
- Building Transformer-Based Natural Language Processing Applications Sep 2024
Credential ID: pF329a7-SwSyOeTLS-WONQ
- Fundamentals of Deep Learning Sep 2024
Credential ID: 1t00Ys3ITkGJkXM3sgBKrQ

MICROSOFT

- Introduction to Programming using HTML and CSS Oct 2020
- Introduction to Programming using JavaScript Oct 2020
- Software Development Fundamentals Jun 2020

SKILLS

TECHNICAL SKILLS

- Programming Languages:
 - JavaScript (ES6), TypeScript
 - Python, PHP, Java
 - HTML5, CSS3, Sass
- Frameworks and Libraries:
 - React, Next.js, React Native
 - NestJS, Lumen, Node.js, Express
 - jQuery, Bootstrap
- Web Development:
 - Front-end, Back-end
 - AJAX, MVC, MVVM
 - Web application development
 - Website development
- Databases:
 - MySQL, PostgreSQL
 - SQL, PL/SQL
- DevOps and Tools:
 - Git, GitHub, GitLab
 - CI/CD, Docker, Kubernetes
 - Jira, Slack, VS Code, Visual Studio
 - Figma, Linux, Ubuntu
 - Webpack, NPM, Yarn, PNPM
- API and Architecture:
 - RESTful APIs, JSON
 - Microservices
- CMS and E-commerce:
 - WordPress, Shopify
 - Online store development
- Testing and Quality Assurance:
 - Cypress, Test automation
 - Debugging, Performance optimization
- State Management:
 - Redux, MobX
- Authentication:
 - JWT, OAuth
- Project Management:
 - Agile, Scrum, Kanban, scrumban
 - User stories
- UI/UX Design:
 - User interface design
 - Wireframes, Prototypes
- Monitoring and Analytics:
 - Grafana
- CRM:
 - Customer Relationship Management systems

SOFT SKILLS

Project Management, Agile Methodologies, Scrum, Team Leadership, Algorithm Design, User Story Creation, Product Manager skills, Transparent Communication

LANGUAGE SKILLS

French: Professional Proficiency — English: Professional Proficiency — Arabic: Native