

# Tariq Lamin Guesri

MERN Stack Developer

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## Technical Skills

**Languages:** Typescript / Javascript, PHP, Java, C.

**Frameworks/Libraries:** React, React Native, Angular, Express, NestJS, Jest, MaterialUI, Bootstrap, Electron, Angular, GraphQL, tRPC, jQuery, Wordpress.

**Databases:** MySQL, PostgreSQL, MongoDB.

## Key Skills

Frontend Development - Backend Development - Testing with Jest - 3<sup>rd</sup> Party API Integration - cPanel - Web Scraping - CMS Development - Problem Solving.

## Career

### Study Abroad Global - Senior Full Stack Developer – United Kingdom - (2025/NOW)

- Automated student applications for counselors, allowing them to focus on other tasks and improve efficiency.
- Improved the infrastructure of the application, making it more scalable and efficient.
- Optimized the application for better performance and user experience.

### Viabl Ventures - Full Stack Developer - USA - (2022/NOW)

- Collaborated on an auction platform tailored for municipalities, enabling efficient bidding and with enhanced user interaction.
- Engineered a dynamic form-building application that allows users to create and share forms across various platforms, including as embeddable web widgets, improving data collection and user engagement.
- Developed and optimized a real-time Kanban board application for task and team management, implementing features such as drag-and-drop functionality, real-time collaboration, and user role management.
- Contributed to multiple projects utilizing React, React Native, and NestJS, integrating various thirdparty services and APIs, including secure payment gateways, to enhance functionality and business operations.

### Freelance - (2018/NOW)

- Designed and developed a management web application for a retail shop specializing in smart TV cards, enhancing inventory tracking and sales reporting.
- Engineered and deployed web scraping scripts using Cheerio, automating data collection from multiple websites to support business intelligence and decision-making.
- Developed and implemented a detection script leveraging Esprima to identify malicious browser extensions, improving security and compliance with web standards.
- Contributed to the development of a React Native application for a butcher shop, enhancing customer engagement through mobile order processing and notifications.
- Collaborated on a mini social network project, implementing key features such as user authentication, real-time messaging, and content sharing using modern web technologies.

### MFormatik - Web Developer - Algeria - (2019/2021)

- Collaborated on an automated delivery management system, streamlining expedition processes and improving operational efficiency.

- Integrated SATIM e-payment solutions into various platforms, ensuring secure transactions and compliance with local financial regulations.
- Developed and maintained a data synchronization application for medical laboratories, enhancing data accuracy and reducing manual input errors.
- Managed website hosting environments using cPanel, ensuring optimal uptime, security, and performance for multiple client websites.
- Provided strategic technical solutions and technology guidance, helping teams adopt best practices and improve development workflows
- Optimized application performance by analyzing bottlenecks and implementing improvements, resulting in more than a 60% increase in speed and efficiency.
- Automated business processes by developing scripts and APIs that enhanced interoperability and reduced manual workload across applications.
- Developed WordPress websites leveraging hooks and custom themes, ensuring scalability and alignment with client requirements.
- Contributed to the development and maintenance of native mobile applications, improving user experience and functionality.

### ITHRYTECH - Web Developer - Algeria - (2018/2019)

- Developed and launched a scalable e-commerce platform using Angular and NodeJS, enabling users to create and manage their online stores and product listings.
- Engineered a WooCommerce/WordPress website for a flower store, integrating custom scripts with jQuery and AJAX, resulting in a smoother user experience.
- Designed and implemented a responsive WordPress website for a construction company, enhancing brand visibility and SEO, leading to a 30% increase in online inquiries.

### Projects

- **QuizMaker**, a MERN stack application that lets you create quizzes and share them with others - TypeScript - React - Redux - Express - MongoDB - MUI - Jest: <https://github.com/TarekGuesri/quiz-maker>
- **CalorieCounter**, a web application that manages your calorie intake - React, Redux, Express, MongoDB, Bootstrap 5, Sass: <https://g-calorie-counter.herokuapp.com/>
- **Shortify**, a simple MERN stack application that provides you a shortifed URL for your long URLs – React, MaterialUI, Express, MongoDB: <https://g-shortify.herokuapp.com/>
- **Logistix**, a cross-platform client management interface for delivery with push notifications – React, Redux, MaterialUI, Express, MySQL: <https://logistix-dz.com>
- **FormLab Transfer**, a web application that synchronizes data for medical laboratories – React, Redux, MaterialUI, Express, MySQL: <https://formlab-sync.com>
- **HAMITOU Lab**, a labortory management web application – PHP, Javascript, AJAX, HTML, CSS, MySQL: <https://hamitoulab.com>
- **Labo Bioclinic**, a labortory management web application – PHP, Javascript, AJAX, HTML, CSS, MySQL: <https://labobioclinic.com>
- **Parapharm Street**, an e-commerce website for a company that sells wholesale parapharmaceuticals and medical material products – Wordpress, Woocommerce, Javascript, HTML, CSS: <https://parapharmstreet.com>
- **Pharmacie Melouki**, an e-commerce website that sells pharmaceutical products – Wordpress, Woocommerce, Javascript, HTML, CSS: <https://pharmaciemelouki.com>
- **M-Social**, a social network platform to ease the communication between the company and its clients - React, Redux, MaterialUI, Express, MySQL.

- **7Maryes**, an e-commerce platform that lets the users make their own shop within the website and sell their products there – Angular, Express, MongoDB.
- **Analyzer Script**, a script that detects malicious extensions using NodeJS and Cheerio.

## **Education**

Bachelor degree in Software Engineering (2018)

## **Interests**

Puzzle solving - Development - Soccer - Mentoring - Gaming

## **About Me**

**Languages:** English (Fluent) – Arabic (Native) – French (Beginner)

I am a self-taught MERN Stack Developer with more than 7 years of professional experience. A fast learner, self-motivated and constantly improving. I mostly worked with Javascript during my career, and that left me with a good understanding of the language and its technologies, proficient with React on the client-side scripting, and also with NodeJS/Express for the server-side.

I also wrote many scripts to ease the development of other applications, web scraping and also for automated tasks.

Always aiming to write a clean and easy to read code with a good performance. I'm also a very good problem solver with a challenging mentality that I'm often tasked to tackle difficult situations.