

Ameny Elok b

Software Engineer | Web and Mobile Developer

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Hammam Sousse, Sousse, Tunisia



Skills

Programming languages : PHP, JavaScript , TypeScript, SQL
Frameworks & Libraries : Laravel, ReactJs,
DBMS : MySQL, PostgreSQL, MongoDB
Tools & IDEs : Github, BitBucket, Jira, VS Code, PhpStorm
Others : Gitflow, Scrum , UML

Soft Skills

- > Problem Solving
- > Technical Specifications
- > Continuous Learning
- > Stress Management
- > Autonomy & Team Spirit

Professional Experience and Projects

07/2024 – Present

Software Engineer at Abajim

Context : Abajim

- Tasks :**
- > Engineered a scalable e-learning social platform integrating 3D interactive books, courses, quizzes, and live meetings.
 - > Implemented a video processing pipeline with FFmpeg and HLS, leveraging Laravel Jobs and queues for background transcoding.
 - > Optimized large media storage and delivery by integrating with AWS S3-compatible storage.
 - > Built an interactive 3D book system with draggable icons for video and quiz insertion, developed using React.js, TypeScript, and MUI.
 - > Enhanced user engagement through real-time interactive tools, responsive UI design, and seamless media streaming.

Laravel MySQL FFmpeg HLS S3 React.js TypeScript MUI

Freelance Developer

Context : SmartLearn – AI-Powered E-Learning Platform

- Tasks :**
- > Designed and developed an AI-driven e-learning platform tailored to users' learning styles and levels.
 - > Implemented a dynamic recommendation system to enhance the personalized learning experience.
 - > Built a robust admin dashboard with real-time educational metrics and user analytics.

Python Laravel ReactJS TypeScript MySQL

Freelance Developer

Context : ProjectWaste – Real-Time Delivery ERP Platform

- Tasks :**
- > Developed a real-time delivery management ERP system for optimizing logistics operations.
 - > Built an intuitive dashboard for route tracking, delivery assignment, and status updates.
 - > Integrated socket-based real-time communication between delivery agents and coordinators.

Node.js ReactJS TypeScript MongoDB

02/2024 – 05/2024

Intern at Anypli (Final Year Internship)

Context : LEARNADO - Online Learning Platform

- Tasks :**
- > Full development of the platform, including integration of payment services with Stripe.
 - > Real-time messaging and notification system.
 - > Management of courses and learning paths.
 - > Online and in-person courses with Mapbox integration for locations.
 - > User-friendly interfaces and management of nested objects.
 - > Email system using Google API SMTP.

Laravel Laravel Pusher Laravel Sail MySQL ReactJS Redux TypeScript RTK Query MUI Stripe
Mapbox Google API SMTP Jira BitBucket Docker

06/2023 – 08/2023

Intern at Codact Solutions

Context : ASHTRAY - Automated Ad Publishing Web App

- Tasks :**
- > Design and development of a web application enabling a robot to autonomously publish ads in a café.
 - > Integration of a 3D preview of the café using Babylon.js.
 - > Utilization of Google Maps API for location and Google Mail API SMTP for email notifications.

Laravel MySQL JavaScript HTML CSS jQuery Babylon.js Git Bootstrap Google Map API
Google Mail API SMTP

06/2022
07/2022

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Intern at AstroNet

Context : Development of a CRM Module for Stock Management

Tasks :

- > Created a CRM module that allows warehouse managers to efficiently scan product barcodes.
- > Improved stock management and facilitated quick product existence checks.

Laravel

JavaScript

HTML

CSS

Bootstrap 5

jQuery

Laravel Barcode Generate

Ajax

MySQL

02/2021 –
05/2021

Intern at CNRPS Sousse (Final Year Internship)

Context : ProTask - Overpayment and Task Management Application

Tasks :

- > Designed and developed a web application for managing overpayments and tasks for CNRPS Sousse.

Laravel

PHP

HTML

CSS

Git

Jira

JavaScript

jQuery

MySQL



Education

2021 - 2024 **Engineering Degree in Computer Science**
Polytechnic School of Sousse

2019 - 2021 **Bachelor's Degree in IT applied to management**
Higher Institute of Management
Sousse



Languages

- > French
- > English
- > German