IDRIS CHAALEL

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PROFILE

As an ambitious software developer, I possess a robust background in web development and software design. I am deeply passionate about programming, committed to staying current with the latest technologies, and bring strong problem-solving skills to contribute to modern and innovative projects.

EDUCATION

Higher School of Computer Science 8 May 1945 - ESI-SBA **2020 − 2023**
State Engineer & Master's Degree in Systems Engineering *sidi bel abbes, Algeria*

Guelma university **2017 − 2020**
Bachelor of Science in Computer Science *Guelma, Algeria*

Guelma High School **2017**
Baccalaureate in Science *Guelma, Algeria*

RELEVANT COURSEWORK

Data Structures	Algorithms	Machine Learning	OOP,
Software Methodology	Database Management	Cloud Computing	Security ...

TECHNICAL SKILLS

Developer Tools: VS Code, Postman, Swagger, RDBMS tools
Programming: JavaScript, TypeScript, Python, CSS,
Frameworks & Libraries: Express, Node.js,Nest js, Django, React.js, Next.js
Architectures: REST API, MVT, MVC, Microservices
Database & ORM: RDBMS, MySQL, MongoDB, Mongoose, Prisma ORM
DevOps: Git, GitHub, Docker

Experience

Tripnest - Real Estate Rental Platform **2023 − Present**
Full Stack Developer
- Developed Tripnest, an innovative real estate rental platform catering the Algerian market using Next.js, React.js, Typescript, Prisma ORM and MongoDB
- Implemented features such as property listing, search, booking, and payment integration, enhancing the user experience.

Mostaql **2022**
Freelance Developer
- Implemented a website using Flask for buying, selling stocks, and fetching stocks data from IEX API.

CNAS, Caisse Nationale des Assurances Sociales **2021**
Student Intern
- Utilized PL SQL to administrate data and manage networking tasks.

Higher School of Computer Science ESI-SBA **2021**
Team Leader + Web Developer
- Led a team of 6 developers in the successful implementation of a healthcare web application (Sihate - Medical Records Management System) using the Django Framework.
- Developed the front-end using HTML5, CSS3, and JavaScript, with a focus on code organization and maintainability.

Guelma university - CS department **2020 − 2023**
Full Stack Developer
- Designed and developed a custom PHP system (**ECMS - Educational Committee Management System**) for efficient management and tracking of courses advancements and meeting scheduling by course leaders.
- Successfully deployed the platform, used by university teachers, course leaders, departments admins, student delegates.

Projects

Tripnest - Real Estate Rental Platform | *Next.js, React.js, Prisma ORM, MongoDB*   **2023 – Present**
- Built a start-up real estate rental platform catering to the Algerian market using modern web technologies.
- Developed features such as property listing, search, booking, and payment integration to enhance the user experience.

ECMS - Educational Committee Management System | *PHP, MySQL*   **Apr 2020 – May 2023**
- Developed a custom system for managing committees in the University of Guelma departments.
- Implemented features for tracking course advancements and scheduling meetings by course leaders.

Newsize - E-commerce Website | *Django, Stripe*   **Aug 2022 – Oct 2022**
- Contributed to the development of an e-commerce website with features like user authentication and product management.
- Integrated Stripe payment gateway to facilitate online transactions.

Sihate - Medical Records Management System | *Django, HTML5, CSS3, JavaScript*   **May 2021 – Oct 2021**
- Led a team to implement a medical records management system allowing patients to make appointments.
- Enabled doctors to generate medical records and prescriptions through the system.

Team Chat Web Application | *Next.js 13, Prisma, MySQL, Socket.io, OAuth2, Clerk*   **Sep 2023 - Nov 2023**
- Developed a team chat web application enabling users to create custom servers with text, audio, and video channels.
- Implemented communication using Socket.io for real-time interaction among users.
- Integrated OAuth2 authentication with Clerk for user authentication and profile management.

FlixFlex - Streaming Platform Backend | *Node js, Express js, passport js, REST API, Swagger*   **Oct 2023 - Nov 2023**
- Developed the backend codebase for FlixFlex, a web application for exploring movies and series.
- Implemented features to allow authenticated users to add movies and series to their favorites, providing a personalized streaming experience.
- Contributed to creating a robust and scalable backend to support seamless interactions on the platform.

CERTIFICATIONS

Server-side Development with NodeJS, Express, and MongoDB — Coursera — Mar 2023
Version Control with Git — Coursera — Jan 2023
Introduction to Front-End Development — Coursera - META — Jan 2023
Front End Web Development Ultimate Guide 2022 — Udemy — Oct 2022
Work Smarter, Not Harder: Time Management for Professional Productivity — Coursera — Apr 2023

LANGUAGES

English: Conversational
Arabic: Native
French: Conversational

INTERESTS

Spending time on working, reading, learning new things, and rest