

MALEK MAGHRAOUI

FULLSTACK WEB DEVELOPER

CONTACT

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 Tunisia, Ariana

EDUCATION

Bachelor's degree in Computer Science

ISIMS

September 2023 – Present

SKILLS

Javascript/TypeScript
Node.js/Express.js
HTML5&CSS3
Tailwind/shadcn/bootstrap
React.js/Next.js/Vite
Redux/Valtio/Zustand
Axios/Rest API
MYSQL/MongoDB
Spline/three.js
Github/Git
Python
C/C#
PHP
Java
Adobe Photoshop/Premiere Pro
UI/UX Design
Leadership

LANGUAGES

Arabic
French
English

PROFILE

Experienced Web Developer and UI/UX Designer adept in advanced web development stages. Skilled in user interface refinement, testing, debugging, and design. Proficient in HTML, CSS, JavaScript, React.js, Node.js, and more. Experienced AWS Cloud Captain, event organizer, and participant in 23 hackathons. Active member of AJST and JCI Gremda. Proficient in Photoshop and video editing. Versatile freelancer with a track record of delivering exceptional results.

WORK EXPERIENCE

Artify - Fullstack Web Developer Intern & Freelance Developer

June 2024 – Present

- Rebuilt Artify's platform using Next.js and TypeScript, enhancing code maintainability and improving platform performance by 25%.
- Redesigned the platform's UI/UX using Tailwind CSS and ShadCN, creating a modern, visually appealing interface with smooth animations that improved user engagement by 30%.
- Integrated multiple third-party libraries (Axios, Zustand..) to extend functionality and streamline the user experience, achieving a 20% faster page load time.
- Integrated DevOps practices by setting up CI/CD pipelines with GitHub Actions, automating testing and deployment processes for faster and more reliable updates.
- Continue to work with Artify as a freelance developer, supporting ongoing platform enhancements, debugging, and implementing new features based on evolving client needs.
- Conducted rigorous testing and debugging to ensure cross-browser compatibility and responsiveness across devices.

Freelancer as a Full-Stack Web Developer

- Developed a fully responsive MERN stack website for a local startup, boosting user engagement by 35% post-launch, and completing the project 10% under budget.
- Spearheaded the frontend using React.js and backend with Node.js and MongoDB, ensuring seamless integration and performance optimization.
- Delivered the project on schedule with positive client feedback, increasing customer satisfaction and fostering repeat business opportunities.

Instructor in Web Development

- MTC ISGI: Taught front-end development (HTML, CSS, JS) and guided students in building a Todo List App.
- IEEE ISI: Conducted 2 sessions on front-end development (HTML, CSS), teaching students how to create a modern and responsive landing page.
- AWS Cloud Club ISIMS X IEEE SB ISIMS: Delivered a full-stack course on the MERN stack, culminating in a final workshop where students applied their knowledge to build a complete web application.

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COURSES

GOMYCODE

- Backend(Node.js)

freeCodeCamp

- React.js, freeCodeCamp

AREA 3.0

- Web4.0/Blockchain/Generative AI/VR/Socialmedia Through AI

AWS Community Group Tunisia

- Introduction To AWS

Coursera

- Python

AWS Cloud Club ISIMS

- Introduction to Cloud Computing
- Virtualisation and Security in Cloud

LEADERSHIP EXPERIENCE

AWS Cloud Captain

- Led workshops on AWS services (including EC2 and S3) and DevOps practices, providing hands-on training in cloud infrastructure, server configuration, and deployment.
- Organized and coordinated community events focusing on cloud and DevOps technologies, increasing participant engagement by 25% year-over-year.
- Led community initiatives promoting cloud computing, organizing over 15 workshops and seminars with an attendance increase of 25% year-over-year.

PROJECTS

TUNISIAFLICKS

TunisiaFlicks is a dedicated streaming and discovery platform for Tunisian cinema, providing users with access to a curated selection of movies for free with no ads.

Designed with a modern and interactive UI, it offers seamless navigation, personalized user experiences, and a secure authentication system.

A TypeScript-powered movie platform showcasing Tunisian cinema, built with modern web technologies for smooth performance and accessibility. Explore, save, and engage with movies in a feature-rich, interactive environment.

- Modern UI/UX with Tailwind CSS: Dark/light mode with smooth Framer Motion animations
- User Features: Profile dashboard, favorites, saved movies, liked movies
- Tunisian Movies Section: Implemented via web scraping with JSDOM
- Authentication & Security: Secure authentication with JWT, Cookies, hashed passwords, protected routes, and redirections
- Performance & Scalability: Optimized using Next.js for server-side rendering and static site generation, with a high level of SEO for better search engine visibility
- Custom & Interactive Components: Built with ShadCN and Zustand for state management
- Database: MongoDB for scalable data storage

Stack:

- Stack: Next.js, TypeScript, Tailwind CSS, Zustand, MongoDB, JWT, Bcrypt, Framer Motion, ShadCN, Zod, JSDOM.

Outcome:

The movies website received positive feedback for its intuitive design and comprehensive movie database, contributing to increased user engagement and satisfaction.

Github: <https://github.com/maghraoui3/tunisiaflicks>

Demo: <https://tunisiaflicks.vercel.app>

Check my portfolio for more projects:

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IPSAS University Platform

Hackathon Project: University Information & Management System

- Developed a dynamic and user-friendly platform for IPSAS University during a hackathon, designed to streamline access to university information, resources, and services for students and faculty.
- Built a modern and responsive UI using React.js and Tailwind CSS, ensuring an intuitive and visually appealing experience across all devices.
- Leveraged Next.js for server-side rendering and dynamic routing, enhancing performance and SEO for better discoverability.
- Integrated an AI-powered chatbot to assist students with studying, providing instant answers to academic queries and personalized learning support.
- Implemented blockchain-based certification using Ethereum to issue and verify academic credentials securely and transparently.
- Designed a secure authentication system to protect user data and enable role-based access control for different user types (e.g., students, faculty, admins).
- Utilized MongoDB for efficient data storage and retrieval, ensuring scalability and reliability for future updates.
- Delivered a fully functional platform within the hackathon timeframe, showcasing strong teamwork, problem-solving, and rapid development skills.
- Technologies Used: React.js, Next.js, Tailwind CSS, MongoDB, JavaScript, Framer Motion, Ethereum, AI Chatbot

Key Features

- Modern UI/UX: Clean and responsive design with Tailwind CSS and Framer Motion animations.
- AI-Powered Chatbot: Integrated an AI chatbot to assist students with studying and academic queries.
- Blockchain Certifications: Implemented Ethereum-based blockchain technology for secure and verifiable academic certifications.
- Dynamic Content: Server-side rendering and dynamic routing with Next.js for fast and efficient page loads.
- Secure Authentication: Role-based access control to protect sensitive information.
- Scalable Backend: MongoDB for reliable and scalable data storage.

Why This Stands Out

- Hackathon Context: Highlights your ability to work under tight deadlines and deliver high-quality results in a collaborative environment.
- Full-Stack Expertise: Demonstrates proficiency in both frontend (React.js, Tailwind CSS) and backend (Next.js, MongoDB) technologies.
- Innovative Features: Integration of AI and blockchain showcases your ability to leverage cutting-edge technologies to solve real-world problems.
- User-Centric Design: Focus on creating an intuitive and engaging experience for end-users.
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Github: <https://github.com/maghraoui3/ipsas-hackathon>

Demo: <https://ipsass.vercel.app>

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YouTube Clone

A feature-rich video-sharing platform replicating key functionalities of YouTube, allowing users to upload, view, and share videos seamlessly.

- Modern UI/UX with React.js: Designed a responsive interface mimicking YouTube's layout for an intuitive user experience
- User Authentication & Authorization: Secure login system with protected access to platform features
- Video Upload & Management: Implemented with Multer for efficient thumbnail generation and file handling
- Backend APIs: Developed with Node.js and Express.js to manage video uploads, authentication, and data handling
- Video Playback: Supported multiple formats and resolutions for a smooth viewing experience
- Performance & Scalability: Optimized with MongoDB for data storage and seamless content delivery

Stack:

- React.js, Node.js, Express.js, MongoDB, Multer

Github: <https://github.com/maghraoui3/youtube-clone>

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