

# Abdel Anafloous

Lead Full Stack Engineer

## About Me

A **Lead Full Stack Software Engineer** with a strong problem-solving aptitude and **+7 years of experience** creating exceptional digital experiences across diverse industries. I specialize in architecting and leading both front-end and back-end development for high-visibility projects, leveraging modern cloud technologies and AI-driven solutions

## Contact

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## Skills

**Technical Skills:** Proficient in TypeScript, JavaScript, and Solidity, with extensive experience in SQL, Java, XML, and XML Schema. Expertise in full-stack development using Next.js and React.js, complemented by strong skills in Tailwind CSS, HTML, Framer Motion, and Storybook. Proficient in Node.js, Smart Contracts, Hardhat, Moralis, web3, and Ether.js, along with version control using Git and GitHub. Well-versed in database management with MySQL and cloud solutions, including AWS and Google Cloud, with deployment experience on Vercel and Netlify. Familiar with JavaFX and web services, including REST and APIs (REST, GraphQL).

**Additional Skills:** **Proficient typist (100+ WPM)**, software testing, network and information security, experience with Dapps (Decentralized Applications) research-oriented problem-solving, adaptability to fast-paced environments, knowledge of DBMS (Database Management Systems), UML , data structures, OOP, design patterns, Cisco IOS Commands, object databases, Apache, Linux commands, network programming, Slack, Jira, and Agile (Scrum) methodologies.

**Soft Skills:** Proven ability to solve complex problems, manage projects effectively, and lead teams. Strong time management, critical thinking, and attention to detail. Adept at analysis, brainstorming, decision-making, and conceptualization. Collaborative team player with excellent communication and interpersonal skills.

## Education

- MSc Computer Science, University of Hertfordshire  
Graduated Sept 2024 - Distinction
- Software Engineer Degree, Private University of Marrakech  
Graduated: July 2022 2:1
- Baccalaureate Diploma in Physics Science, Al Maarifa  
Graduated: July 2017 2:1

## Professional Certificates

- Google Project Management Professional Certificate
- Decentralized Finance (DeFi) : Duke University

## Languages

- |         |       |        |       |
|---------|-------|--------|-------|
| English | ★★★★★ | French | ★★★   |
| Arabic  | ★★★★★ | Berber | ★★★★★ |

## Experiences

### Lead Front End

Feb - Present 25

Energy Institute

Leading the development of the **world-renowned Statistical Review of World Energy 2025** by **Energy Institute**, architecting its user-facing data visualizations and directing its **Azure DevOps lifecycle**, while concurrently leading the **Powerful Women project** and integrating key enterprise solutions like SSO within Squiz Matrix CMS, alongside pioneering **AI-driven automation**

### Senior Full Stack Engineer

Dec - Sept 23

Vision

At Vision, I **led** the development of NameWrapper, resulting in a **\$2M investment**. I built front-end components with **ReactJS** and **Next.js**, handled backend tasks using **API Router**, and integrated **MongoDB** for **smart contract** data. I also improved interactivity, **performance**, and gained experience with Ethereum Name Service (**ENS**)

### Lead Full Stack Software Engineer

Jan - Sept 22

TrouveTavoie

Led the development of a new user workflow system for an **NFT marketplace**, improving **transaction speed by 30%** and enhancing user engagement. Worked closely with developers to optimize system performance using modern web technologies, contributing to a successful product launch.

### Lead Full Stack Engineer @ YPredict

Oct - Dec 22

YPredict.ai

Led the development of an **ERC20** token project using **Next.js** for the **front end** and **AWS Lambda** for **serverless** computing. Developed smart contracts with **Solidity** and integrated **MongoDB** for data management, focusing on SEO and tracking metrics with **Google Analytics**. Achieved a **successful private sale** that sold out **within 24 hours**. The project is publicly available on my **GitHub**.

### Lead Full Stack Engineer - Blockchain

Jan - Sept 22

FeverTokens

Led the development of **NFT Marketplace v2** for FeverTokens, ensuring top-quality results. Worked with six developers to build a temporary **NFT platform** for **VivaTech2022** using **Next.js**, **Ether.js**, **Tailwind CSS**, **AWS Lambda**, and **Hardhat**. The project earned Binance's recognition, securing a **\$1M investment**.

### IT Support Technician

Sept - Feb 25

University of Hertfordshire

As part of the IT department, delivered effective IT solutions by troubleshooting hardware/software problems and enhancing user support for critical systems (Wi-Fi, Canvas, email). Proactively suggested improvements, including an AI assistant and new student support methods

### Software Engineer @ Java

Jan - August 21

Ideal Fresh

Developed a **desktop application** for IdealFresh to manage billing and client data using **Java**, **JavaFX**, and **Oracle**. Used **Apache POI** for **Excel data** handling and **custom scripts** for cloud file management. Integrated **APIs** for seamless data exchange, streamlining workflows and enhancing functionality. Collaborated closely with non-developers to provide tailored technical solutions.

### Full Stack Engineer

June - Dec 20

SuperBerry

Designed and developed a customizable **static web application** using **ReactJS**, **Tailwind CSS v1**, and **TypeScript**. Enhanced **SEO** and performance by migrating to **Next.js** with server-side rendering, resulting in **faster load** times and improved visibility. Provided technical support for web applications and transformed a **PHP** website into a **high-performance** static site on **Next.js**, significantly reducing page load times and improving **Google Lighthouse scores**.

### Full Stack Web Developer

Oct - May 19

Advanced Agro Management

Developed a responsive, customizable website using **HTML**, **CSS**, **JavaScript**, and **PHP**. Managed **WordPress** backend with **Oracle Database**, utilizing **WP-CLI**, **phpMyAdmin**, and custom plugins. Optimized performance with **W3 Total Cache**, enhanced security via **Wordfence**, and monitored site metrics using **Google Analytics**. Conducted **SEO optimizations** and troubleshooting with **Xdebug** to ensure high performance and user engagement.

### Server Manager @ Windows Server

Feb - Sept 18

Fanstasia SME

Led installation, configuration, and support of Windows services (**Active Directory**, **DNS**, **DHCP**, **WINS**). Managed the migration from **Windows Server 2008 to 2012** and handled **backups** with **Veeam Endpoint Backup** and **SQL Server 2012**, ensuring data security and system reliability