

YASSINE EL AAMRI

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Software engineer combining hands-on development experience with a strong background in technical support. Skilled in modern web technologies, with a focus on clean code, user experience, and continuous learning.

Projects

Gazetteer – Interactive Geographic Information System

Responsive web app offering country profiles, real-time weather, population data, and economic indicators via interactive maps.

Built with PHP (backend), JavaScript (frontend), Leaflet.js, and multiple APIs (REST Countries, OpenWeatherMap, GeoNames) for dynamic data visualization and location-based insights.

Live Demo: <https://gazetteer.yassine-el.co.uk/>

Company Directory – Employee Management System

Full-stack employee management system with PHP, MySQL, and Bootstrap, enabling CRUD operations for employee profiles, departments, and locations.

Features include search, filtering, and data validation, demonstrating expertise in database design, server-side logic, and responsive frontend development.

Live Demo: <https://company-directory.yassine-el.co.uk/>

Giphy Clone – Interactive GIF Search Platform

Responsive React app with TailwindCSS that integrates the Giphy API for real-time GIF search and browsing.

Features include trending GIFs, category navigation, search autocomplete, and optimized performance with lazy loading, demonstrating modern React development and API integration skills.

Live Demo: <https://giphy.yassine-el.co.uk/>

AI Flappy Bird – NEAT Algorithm Implementation

Flappy Bird clone in Python with Pygame featuring an AI player trained using the NEAT algorithm. Implemented neural networks evolving via neuroevolution to optimize gameplay based on bird position, velocity, and obstacles.

Includes manual play, AI training mode, real-time learning visualization, and generation tracking.

GitHub: https://github.com/yasslear/flappybird_neat

Skills

Languages (Spoken): English, French, Arabic & Mandarin Chinese.

Languages (Programming): HTML, CSS, JavaScript, PHP, Python, Java, C#

Libraries & Frameworks: React, Express.js, Bootstrap, TailwindCSS, Node.js

Databases: MySQL, PostgreSQL

Tools & Technologies: Git, REST API integration, AJAX, Leaflet.js, NEAT

Experience

Full-stack Developer Trainee

Mar 2024 - Present

IT Career Switch

- Developed Full-stack web-applications using PHP, JavaScript, MySQL and React.
- Designed mobile-first, responsive UI layouts using Bootstrap and TailwindCSS.
- Integrated third-party APIs and built reusable components.
- Debugged frontend and backend issues to improve application stability.

Technical Support Supervisor

Jan 2023 - Mar 2024

Interactive Brokers

- Conducted regular training sessions for staff on the latest technology trends and troubleshooting techniques.
- Oversaw the resolution of complex technical problems, ensuring customer satisfaction and service quality.
- Monitored team performance against key performance indicators, providing feedback and coaching where necessary.

Technical Support Senior Analyst

Jun 2021 - Jan 2023

Interactive Brokers

- Managed and oversaw custom-branded software creation for large-scale businesses.
- Responded to customer emails, calls and live chat regarding technical malfunctions and issues to fix remotely.

Customer Service Representative

Jan 2020 - Oct 2020

ADM Value

Education & Courses

Full Stack Engineering

May 2023 - Aug 2024

CodeCademy

Node.js, JavaScript, HTML5, PostgreSQL, React.js, SQL, Git, GitHub, CSS, Express.js, JQuery, PHP, Python

CyberSecurity course

Jan 2021 - Jun 2021

ITCareer Switch

CompTIA A+, Network+, Security+, MCSA Microsoft windows 7 & 10, Cisco CCENT

Software Engineering

Sep 2015 - Jul 2019

Xiangtan University