BILAL ESSAKINI

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Profile

Junior Web Developer with hands-on experience designing and developing user-centric, responsive web applications using React.js, JavaScript, HTML5, and CSS3. Skilled in working with RESTful APIs, Git/GitHub, and Agile development methodologies. Passionate about building accessible, performant websites and continuously learning modern web technologies. Open to opportunities as a Front-End or Web Developer in a collaborative and growth-oriented team environment.

Education

BSc (Hons) Computer Science — University of Hertfordshire, 2023

Relevant modules: Web Development, Algorithms & Data structure, Artificial Intelligence, RESTful APIs, Agile, Networking & Security, Database

Level 3 Diploma in IT — Central Bedfordshire College, 2020

Level 2 Diploma in ICT Systems Support — Central Bedfordshire College, 2018

Work Experience

Web Developer — University of Hertfordshire | Mar 2025 – Present

- Building and configuring web pages using HTML5, CSS3, JavaScript, React, REST APIs, jQuery, XML, and Bootstrap
- Supporting CMS development and administration (Squiz Matrix 6) and providing staff training
- Implementing responsive and accessible designs aligned with W3C standards
- Integrating APIs and optimizing SEO and performance
- Translating stakeholder requirements into scalable, maintainable technical solutions
- Monitoring site performance, UX testing, and improving user journeys across devices
- Work closely with UX designers, digital marketers, and IT leads to delivering modern digital experiences that meet the University's 24/7 operational needs.
- Contribute to documentation, stakeholder training, and web accessibility compliance.

Graduate Web Developer (Marketing Executive) — University of Hertfordshire | Mar 2024 – February 2025

- Built responsive web pages with React.js, HTML5, and CSS3, increasing user engagement by 40%.

- Collaborated with designers to prototype user-focused interfaces, improving site performance by 30%.
- Integrated REST APIs to display dynamic content, aligning with Agile sprints.
- Improved accessibility by 20%, ensuring WCAG 2.1 compliance.
- Ran performance audits using Google Analytics and DXP, increasing site traffic by 35%.
- Managed CMS workflows using Matrix 6, XML, and JSON.

IT Support — Lewsey Community Centre | Jan 2018 – Mar 2018

- Resolved technical issues for 50+ users, enhancing system performance and user satisfaction.
- Documented standard procedures to streamline IT support.

Youth Worker — CYCD, Luton | Aug 2017

- Organized activities for 150+ youths, fostering inclusive team engagement.

Projects

Portfolio Website

- Built with React.js, HTML5, and CSS3 (Bootstrap), showcasing personal projects.
- Deployed on GitHub Pages with mobile-first design and dynamic routing.

Cinema Ticket Booking Web App
- Developed front-end in React.js and backend in PHP with RESTful API integration.
- Implemented secure user authentication and booking workflow.

Face Recognition Attendance System
- Used Python and OpenCV and scikit-learn for real-time face recognition.
- Built a simple UI for attendance reporting and user interaction using CSV, Panda's library and Excel.

Key Skills

Languages & Frameworks: HTML5, CSS3, JavaScript, jQuery, (ES6+), React.js, Python, PHP
Styling: Bootstrap, Tailwind CSS
APIs & Backend: RESTful APIs, PHP, Python (Django basics), Node.js (basic)
Tools: Git, GitHub, VS Code, CMS (Matrix6), Figma, Agile/Scrum, Jira
Databases: MySQL, PostgreSQL, Oracle SQL
Soft Skills: Problem-solving, Debugging, Team Collaboration
Languages: English, Italian, Arabic