

# Ilyes Bouzayen

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## About Me

I am **Ilyes Bouzayen**, a 3rd-year Software Engineering student at Collège de Paris, based in Sousse, Tunisia. Passionate about modern web technologies, I am developing strong skills in **JavaScript (Next.js, React, Angular)**, **TypeScript**, **PHP (Laravel, Symfony)**, as well as database management with **SQL** and **NoSQL** systems. My goal is to contribute to creating high-performance and scalable web applications. Currently, I am seeking a 3-month internship to apply my knowledge, deepen my expertise, and participate in innovative projects in the field of web development.

## Academic Background

<b>Bachelor's in Software Engineering</b> <i>Collège de Paris (Sousse Campus)</i> <a href="#">🔗</a> Average: 17.73 / 20 – <b>Excellent Distinction</b> GPA Equivalent: 4.0 / 4.0	2024 – Present
<b>Professional Certificate in Computer Development</b> <i>Collège de Paris International</i> <a href="#">🔗</a> <a href="#">📄 Download Certificate</a> <a href="#">🔗</a>	2022 – 2024
<b>Higher Technician Certificate in Multimedia and Marketing</b> <i>Media Formation</i> <a href="#">🔗</a> Average: 17.63 / 20 – <b>Very Good Distinction</b> GPA Equivalent: 3.9 / 4.0 <a href="#">📄 Download Certificate</a> <a href="#">🔗</a>	2022 – 2024
<b>Bachelor's in Electrical Engineering – Embedded Systems (ES) Track</b> <i>Higher Institute of Computer Science and Mathematics of Monastir</i> <a href="#">🔗</a>	2019 – Present

## Professional Experience

<b>Web Development Instructor</b> <i>Media Training Institute</i> <a href="#">🔗</a> <i>Education</i>	02/2025 – Present
<ul style="list-style-type: none"> <li>Teach modern web technologies (frontend/backend) to developers in training, covering practical and theoretical concepts.</li> <li>Design and deliver a structured educational program, including real projects and practical workshops to train job-ready developers.</li> <li>Support students in completing web projects, from ideation to deployment, providing mentorship and technical guidance.</li> </ul>	
<b>Full Stack Developer and SEO Specialist</b> <i>General Carpentry Khaled</i> <a href="#">🔗</a> <i>Internship</i>	04/2024 – 06/2024
<ul style="list-style-type: none"> <li>Created a custom website showcasing the workshop's services and projects with smooth and intuitive navigation.</li> <li>Implemented SEO strategies (technical optimization, meta tags, content), increasing search engine visibility.</li> <li>Launched and managed SEA campaigns via Google Ads to generate qualified and profitable traffic (high ROI).</li> <li>Developed visual identity (logo, color palette, typography) with a consistent style guide across all media.</li> <li>Wrote engaging and SEO-optimized content for website pages.</li> </ul>	

- Collected, cleaned, and processed airport operational data using advanced Excel tools and VBA macros, improving report accuracy by 30%.
- Created dynamic dashboards for KPI visualization (passenger flow, waiting times, customer satisfaction), facilitating management decision-making.
- Connected and queried databases (SQL Server) to analyze trends, detect anomalies, and produce automated reports.
- Participated in implementing a Data Warehouse to centralize data from different departments.
- Collaborated with the quality team to provide actionable insights from large datasets (Big Data), supporting ISO 9001:2018 audits.

**Next.js Developer and SEO Specialist** *Fiverr* [🔗](#) *Freelance*

08/2020 – Present

- Developed dynamic and high-performance websites with *Next.js*, ensuring excellent UX and minimal loading times.
- Implemented technical and semantic SEO strategies, increasing clients' organic visibility on Google.
- Delivered results-oriented web solutions, tailored to international clients' business needs.

**Full Stack Developer and WordPress Expert** *Upwork* [🔗](#) *Freelance*

01/2019 – Present

- Designed and developed custom websites with WordPress, including custom themes and advanced plugins.
- Full Stack development of robust and scalable web applications, integrating databases, REST APIs, and modern architectures.
- Ensured performance, security, and cross-platform compatibility of delivered websites.

## Projects

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**EduLab - LMS (Laravel & TailwindCSS)**

- Developed a complete Learning Management System (LMS) with Laravel, including course management, student enrollment, instructor dashboards, quizzes, progress tracking, and payment integration.
- **Tech stack:** Laravel, PHP, MySQL, Blade, TailwindCSS, jQuery, Bootstrap, payment gateway.
- [Website](#) [🔗](#) – [Source Code](#) [🔗](#)

**RestroProSaaS – Restaurant POS Software**

- Created a complete SaaS solution for point-of-sale management in restaurants, cafes, hotels, and food trucks, integrating order management, inventory tracking, payments, multi-location support.
- **Tech stack:** Node.js, React.js, Express.js, MongoDB, Stripe, REST API, TailwindCSS.
- [Website](#) [🔗](#) – [Source Code](#) [🔗](#)

**Vorex – AI Logistics and Delivery System**

- Developed an intelligent delivery and warehouse management system, helping sellers optimize their operations through AI algorithms for TSP and VRP.
- **Tech stack:** Next.js, React Native, Python, Django, PostgreSQL, Docker, Kubernetes, AI/ML, TypeScript.
- [Source Code](#) [🔗](#) – [Mobile App Code](#) [🔗](#)

**AI Course Generator – AI-Powered Course Generator**

- Developed a complete SaaS platform transforming text into interactive courses via AI, with video generation, image creation, payment management, and admin dashboard.
- **Tech stack:** React, Next.js, TypeScript, Node.js, PostgreSQL, Prisma, Stripe, OpenAI, Gemini AI.
- [Website](#) [🔗](#) – [Source Code](#) [🔗](#)

## Certifications

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- **Mastering Linux: The Complete Guide to Becoming a Linux Pro** [↗](#), Udemy, 2024
- **The Front-End Web Developer Bootcamp: HTML, CSS, JS and React** [↗](#), Udemy, 2024
- **Jest JavaScript Testing Framework** [↗](#), TestAutomationU, 2023
- **Crafting a Winning SEO Strategy: A Guide for In-House Marketers** [↗](#), SEMrush Academy, 2023
- **Mainstreaming of gender equality, disability and social inclusion in WASH in health-care facilities** [↗](#), World Health Organization, 2023
- **IELTS Certification** [↗](#), Imperial English UK, 2025

## Technologies

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**Languages:** C++, C, Java, SQL, NoSQL, JavaScript, TypeScript, PHP, HTML, CSS

**Technologies:** Laravel, Symfony, Vue.js, Angular, React.js, Next.js, Node.js, Express.js, Bun.js

**Tools and Platforms:** Git, GitHub, Docker, Linux, Project IDX, OVH Hosting, Figma, Adobe Creative Suite (Photoshop, Illustrator), VS Code, Neovim

**Other Skills:** SEO, Digital marketing strategies, Responsive design, Cloud-based application development, Agile development methodologies

## Languages

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**English** – IELTS (Advanced C1 Level)   •   **French** – Upper Intermediate Level   •   **Arabic** – Fluent