

# ABDERRAOUF KHAMOUM

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 [Portfolio](#) •  [Abderaouf Khamoum](#)

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## SUMMARY

Graduate in architecture, with solid experience in web application development and expertise in design and architectural design. Passionate about quality, creativity and collaboration, I combine unique technical and artistic skills to enrich each project. Adaptable and efficient in dynamic environments, I also excel independently as well as within multidisciplinary teams.

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## SKILLS

- |               |                 |                         |
|---------------|-----------------|-------------------------|
| • Html        | • Next.js       | • Node.js               |
| • CSS         | • System design | • Express.js            |
| • TailwindCSS | • UX/UI design  | • Zustand               |
| • Javascript  | • PostgreSQL    | • TypeScript            |
| • React.js    | • ORM           | • Git & Version Control |

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## WORK EXPERIENCE

### Front-End Developer, FREELANCE

Jan 2025 - Present

- Designed and developed a modern, responsive user interface using HTML5, TailwindCSS, JavaScript, Next.js, ShadcnUI, ChakraUI, DrizzleORM, PostgreSQL, and NeonDB, improving UI performance by 30%.
- Managed database operations with DrizzleORM and PostgreSQL, handling 1,000+ records efficiently.
- Developed and integrated UI/UX designs, leading to a 25% increase in user engagement and retention.
- Implemented state management using Zustand, improving application responsiveness by 20%.

### Architect Internship, Architecture Firm

Feb 2024 - Jun 2024

- Contributed to the design of architectural projects by providing innovative ideas adapted to client needs.
- Developed plans and technical drawings using specialized software such as AutoCAD, Revit and SketchUp ensuring clear and consistent representation.

### Designer, SHELLMATES CLUB

Oct 2021 - Jan 2022

- Collaborated with the design team to develop 10+ engaging and informative designs for event display boards, enhancing event visibility and audience engagement.

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## EDUCATION

### Bsc Architectural Engineering and Design

Sep 2021 - Jun 2024

University Of Algiers 1

- Gain in-depth knowledge of design principles by completing design projects and exploring various forms of artistic expression.

- Gain knowledge of design principles by creating design projects and artistic creations.
- Learned BIM and 3D modeling software for the design and management of architectural projects.

### Front-End Development

Jun 2023 - Dec 2023

Meta - Coursera

- Development of solid foundations in UI/UX design by creating complete scenarios for an E-commerce website.
- Mastered web application performance optimization techniques.

### Full Stack Web Development Diploma

Jun 2022 - Apr 2023

Code Labs Academy

- 10-month program to learn Full Stack Web Development. The program focuses on self-directed technical training in coding and web design as well as and the flexible skills to succeed in this field.
- Proficiency in creating full-stack web applications using various technologies (HTML, CSS, JavaScript, ReactJS, ExpressJS, MongoDB).
- Solid knowledge acquired in computer science concepts and networking concepts (TCP/IP, DNS, HTTP).

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## PROJECTS

### Platform E-commerce Full-stack - Excellence

**Technologies:** HTML, TailwindCSS, JavaScript, NextJS, ShadcnUI, ChakraUI, DrizzleORM, PostgreSQL, NeonDB, Zustand.

- Performance optimization of web application to ensure a smooth user experience across different devices and browsers.
- Development and integration of UI/UX design while taking into account user needs and product objectives.

### Platform Full-stack for the Department of Architecture of the University of Algiers 1 - Archi World

**Technologies:** HTML, CSS, JavaScript, React, Nodejs, Express, MongoDB.

- Implementation of a backend and frontend solution guaranteeing the fluidity and responsiveness of the application.
- Implemented a secure authentication system for users ensuring data protection and confidentiality.

### Website design prototype - Glamour

**Technologies:** Figma, Adobe Photoshop.

- Designed and developed a website with a focus on user experience and modern UI/UX principles.
- Created responsive layouts ensuring compatibility across different screen sizes and devices.

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## ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Structural Analysis, Software Architecture & System Design, Testing & Quality Assurance...
- **Languages:** Arabic, French, English.
- **Certifications:** Web Development Bootcamp, Meta Front-End Developer Certificate.