FADI BENZAIMA

benzaimafadi@gmail.com **|** +213 779808506 **|** Constantine, Algeria **|** bit.ly/Portfolio-Fadi **|** 🔗

SKILLS

- **Programming languages:** HTML| CSS | JavaScript (Over 12,000 lines) | TypeScript.
- **Technologies:** React |Redux | Tailwind CSS | Jest |Cypress | Webpack |npm.

PROFESSIONAL EXPERIENCE

Brenco Engineering & Consulting, Algeria | Software engineering intern |September 2023 – December 2023

- Collaborated with a cross-functional team of 4 experts to identify and rectify critical bugs in a government-related web application, including 90 a11y errors fixed to meet WCAG AA/AAA level conformance, resulting in a 40% reduction in customer support issues and 30% reduction in SEO warnings.
- Spearheaded the implementation of the company's newly branded website, working with a team of 4 developers and designers; the site loads under 2 seconds with a Lighthouse score of 98. Technologies used: React, Redux, GraphQL, CSS modules.
- Contributed with 10 developers to migrating a JavaScript code base to TypeScript, improving type safety and development workflow.

International Strategic Management, MI, United States | Youth mentor | June 2023 -July 2023

- Mentored 20 high-school students in Lawrence Technological University, on web development as part of the Global Trade mission to engage youth in the STEM mindset.
- Conducted 4 workshops on web development including HTML, CSS, JavaScript, and the fundamentals of React.

EDUCATION

École supérieure en informatique, Algeria| Computer science | Engineering degree | September 2021 – Present

- Attained 15.43/20 CGPA during two years of preparatory classes.
- Ranked fifth in a class of 300 students.
- Studied abroad in Massachusetts, United States during summer 2023 (University of Massachusetts, Amherst).

University Of Helsinki, Remote | Modern web development | February 2023 - July 2023 🔗

- Earned a prefect grade 5/5 with 7 ECTS.
- Relevant coursework: React, state management with Redux, NodeJS, Express, testing with Jest and Cypress.

PROJECTS

Uphawu, web Application | React, Typescript, Github actions, Docker, Webpack. 🔗

- Led a team of 10 people in creating a document authentication solution that uses QR codes for document verification and security.

Open University Course Submissions | React, Redux, useQuery, Tailwind CSS, Jest, Cypress, Webpack. 🎧

- Engaged with over 50 reading materials and successfully completed more than 140 exercises organized into seven parts.
- Developed a robust CRUD React application leveraging Redux Toolkit and Tailwind CSS, ensuring code organization, custom hooks, and unit testing with Jest.
- Acquired skills in Webpack for bundling and optimizing assets, and utilized popular styling frameworks like React Bootstrap and Material UI.

E-VENTI, Web application| React, TypeScript, Sass, CSS modules, Vite. 🎧

- Spearheaded five teammates in creating a comprehensive full-stack event management system as part of the second-year studies interdisciplinary project.
- Implemented best practices in software engineering from specification, conception, implementation to testing.
- Integrated Typescript with React for a better development phase while utilizing Vite, CSS modules and Sass

EXTRACURRICULARS AND AWARDS

SUSI: Economic Empowerment program, United States | Program alumni | June 2023 – July 2023

- Selected from a pool of 400 applicants to participate in a fully funded leadership and civic engagement program in the US.
- Formulated a comprehensive community action plan to bridge the educational gap between high school and college in Algeria, resulting in ranking 1st among 20 participants from 5 different countries.

Languages: Arabic (Native), French (Fluent, TCF: C1), English (Fluent).