Shahad Altharwa, Software Engineer

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CAREER OBJECTIVE

Results-driven Software Engineer with a proven history of delivering innovative solutions and achieving project success. Seeking a dynamic software development role to apply expertise in web design, development, and coding. Committed to staying current with technology trends for success in a collaborative environment that values continuous learning and project ownership.

SKILLS

Languages: English (Fluent, STEP: 87), Arabic (Native Level).

- **Front-end Development:** TypeScript, JavaScript, CSS/SASS, Bootstrap, React.js, Redux, Axios.
- **Backend Development:** Node.js, Express.js.
- **Data Analysis:** Python, Python API, SQL, MongoDB, Mongoose.
- **Graphic Design:** Adobe illustrator, Adobe Photoshop, Adobe XD.
- **Other:** Git & Github, npm.

KEY PROJECTS

E-commerce Website || Full-stack project (2023): HTML, CSS, React, Redux, TypeScript, MUI

Designed and implemented a user-friendly platform, utilizing API fetch calls for a diverse range of products, cart management, and user authentication. Employed local storage, GitHub for version control, React, Redux, TypeScript, NodeJS, Express, Postman for testing, and MongoDB for the database.

GAFCO Website || Web Design (2023): Adobe XD

Created the end-to-end online website that digitalized the entire customer journey, from initial inquiries to completed transactions. Maintained graphic standards and branding throughout the product's interface. Implemented User Interface for multiple products from XD.

WORK EXPERIENCE

Teaching Assistant
Hail University of Hail UOH   *2024 – 2025*
- Assisted the lead instructor in preparing course materials, including lecture labs, assignments, and exams.
- Graded assignments and provided constructive feedback to students to help them improve their programming skills.
- Mentored and guided a diverse group of over 100 students, both in class and during office hours.

Technology Ambassador   **Remote**
Ministry of Communication and Information Technology MCIT   *2021 – 2023*
- Designed responsive and user-friendly interfaces for websites and web applications, mastering HTML, CSS, and JavaScript with a focus on optimizing web performance through lazy loading, etc.
- Prioritized website accessibility with standards and semantic HTML.
- Explored blockchain technology, delving into its decentralized and distributed ledger system applications beyond cryptocurrencies like Bitcoin. Completed a beginner-level Python course using Jupyter Notebooks.

Software Engineer – COOP   **Riyadh**
GAFCO – Gulf Air Filters Factory Company   *2022*
- Contributed to a project transforming web design into ERP design.
- Collaborated with a team of 5 members via Discord, gaining valuable insights from senior developers.

Graphic Designer – Freelance   *2018 – Present*
- Executed 250+ projects including logo, magazine, brochure, company profile, social media designs and some web design using different tools: Adobe Photoshop, Adobe Illustrator, InDesign, Adobe XD.

EDUCATION & COURSE CERTIFICATIONS

Saudi Digital Academy x Integrify || Software Development Bootcamp, MERN   *Sep 2023 – Dec 2023*

- Gained an understanding of the web's functionality & technologies needed to build an app from building the backend of the app with database and API's to building the frontend of the app.
- Implemented web projects, apps and landing pages from concept to deployment using Netlify.
- Enhanced teamwork skills using SCRUM, organized tasks on Trello, and managed code on GitHub.

Bachelor of Software Engineering, Major in Computer Science || University of Hail *2018 – 2023*