Wael **Hamze.**

SOFTWARE ENGINEER
FRONTEND DEVELOPMENT – BACKEND DEVELOPMENT
Beirut - Lebanon

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Current Position

Software Engineer   Washington, US (On-Site, Beirut Offices).

[Oryx Dental Software](#)   Aug 2023 – Present

- Learned **Scala**, **AngularJS**, **Angular** (12+).
- Utilized **Angular Material** to create a visually appealing and user-friendly interface.
- Developed complex REST API's using Scala.
- Contributed to enhancements in insurance coverages and claims functionality.
- Worked on DICOM image management features.
- Worked in an agile environment using SCRUM methodology.

Skills Used

- Web Development: AngularJS, Angular, HTML, CSS, LESS, JavaScript, Typescript, Scala, Java, MySQL.
- Task Management: Trello, Jira.
- Problem Solving: Troubleshooting, Bug Fixing.
- Project Collaboration: GitHub, Slack, Meet.
- User Experience: (UX) Design.

Key Points

Front-End Development

HTML, CSS, Bootstrap, JavaScript, jQuery, Typescript, Next.js, React.js, Redux.js, Web Sockets, Angular, AngularJS, npm, grunt.

Back-End Development

Node.js, Express.js, Scala, Java, PHP Laravel, MySQL, MongoDB.

Tools (Methodologies)

Jira (Task Management), Docker (Deployment and Containerization), Git and GitHub (Version Control).

Programming Languages

C/C++, Java, Scala, JavaScript, Typescript, Python, C#, PHP, Prolog.

Software Practices

Data Structures, Algorithms, Object-Oriented Programming (OOP), Design Patterns, Graph Theory

Languages

English, French and Arabic.

Previous Professional Experience

Front-End Developer
Peterborough, England (Remote).

[2RERO]
Jan 2023 – Aug 2023

- Developed the admin, business, and representative websites using **React.js** and **Next.js** to deliver high-quality and user-friendly web solutions.
- Implemented **Redux.js** in the business website to effectively manage large state and handle **complex** data flows across multiple pages, improving performance and maintainability.
- Utilized **Material-UI** to create a visually appealing and user-friendly interface.
- Enhanced **SEO** optimization on the representative website.
- Containerized all three websites for efficient deployment to production environments.
- Implemented unit **testing** using Jest.
- Integrated Google Maps API for location-based features.

Skills Used

- Web Development: Next.js, React.js, Redux.js, HTML, CSS, JavaScript.
- Deployment and Containerization: Docker.
- Testing: Jest.
- Task Management: Jira.
- Problem Solving: Troubleshooting, Bug Fixing.
- Project Collaboration: GitHub, Slack, Zoom.
- User Experience: (UX) Design.

Full-Stack Web Developer
California, US (Remote).

[Grade Hero]
Oct 2021 – May 2022

- Developed the admin panel using React.js class components, implementing features such as user management and data visualization. Integrated a chat application, allowing real-time communication between users.
- Integrated **Agora RTC** (Real-Time Communication) for video chat functionality.
- Created **REST API's** using Node.js.
- Worked extensively with **MongoDB** by designing schemas.
- Developed a **Socket.io** server to handle socket requests from the mobile app and admin panel.
- Utilized Reactstrap and **Bootstrap** to create a visually appealing and user-friendly interface.

Skills Used

- Front-End Development: React.js, Redux.js, HTML, CSS, JavaScript
- Back-End Development: **Node.js, Express.js**
- Database: MongoDB
- Web Sockets: Socket.io
- Task Management: Jira
- Problem Solving: Troubleshooting, Bug Fixing
- Project Collaboration: GitHub, Slack, Zoom
- User Experience: (UX) Design.

Personal Projects

Quizzie

A Laravel-React-MySQL quiz webapp with user authentication, various quiz types, detailed feedback, leaderboards and responsive design.

Shoes e-commerce   (https://e-commerce-shoe-store.netlify.app/)

A Node.js-React platform with MongoDB backend, offering product catalog, cart management, demo checkout, and search/filter options.

You can check my projects on My Portfolio with their respective GitHub links.

Education

Lebanese University – Faculty of Sciences   Hadat, Beirut
BS. DEGREE IN COMPUTER SCIENCE   2020-2023

Social Media links

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