

Tareq Fleifel



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<https://tareqfl.github.io/portfolio3d/>

Summary

I am a versatile software engineer with expertise across diverse domains, from web and mobile development to front-end and back-end. My skill set spans various programming languages and frameworks, enabling me to excel in a wide range of projects. I've seamlessly integrated third-party APIs, implemented robust security measures, and optimized code for performance.

Notably, I am the developer of "react-studio-js," a cutting-edge JavaScript framework that empowers web applications with advanced audio capabilities. This versatile, open-source library streamlines audio track management, waveforms, and annotations, with a strong focus on React development. I'm committed to exploring new horizons and contributing to the ever-evolving software engineering landscape.

Experience



Full Stack Engineer

Elbruz Technologies

Aug 2023 - Sep 2023 (2 months)

- Collaborated closely with the team lead, maintaining regular communication and proactively suggesting innovative solutions for complex challenges.

- Diligently resolved intricate problems, contributing to the successful execution of project tasks and milestones.

- Utilized effective communication and problem-solving skills to enhance project efficiency and quality, consistently meeting or exceeding project goals.

- Ensured seamless coordination with the team lead, fostering a productive and collaborative work environment.

- Researched Google, Stack Overflow, ChatGPT, and GitHub repository documentation to find solutions to problem-solving.

- Maintained clean and precise code for both frontend and backend development.

- Developed full-stack solutions, working on both frontend and backend components.

- Utilized Material UI (MUI) for creating a user-friendly and responsive frontend interface.

- Built, edited, and customized JavaScript libraries to align with our software product goals and needs, transforming them into essential JavaScript libraries.

- Used Firebase for storage and handling authentication, ensuring efficient data storage and secure user authentication.

- Wrote JavaScript code using TypeScript for enhanced type safety and maintainability.
- Employed the latest Next.js framework for frontend development to optimize performance and SEO.
- Leveraged the useMemo, useCallback, and Context API in Next.js to enhance application performance, optimizing data handling and rendering for a more responsive and efficient user experience.
- Implementing CSS styling with JavaScript using the Emotion Library.
- Implementing JSON APIs with server communication.
- Implementing Git version control with GitHub.
- Proficient in JavaScript ES6 and DOM manipulation.
- Developing the website to be responsive and cross-browser compatible.



Software Engineer

CLOUD GROUP

Sep 2021 - May 2023 (1 year 9 months)

- Front-End Development using ReactJS library.
- Managing Reactjs State Management with Redux and Redux-Thunk.
- Implementing Functional components and Class components.
- Implementing CSS styling with JavaScript using Emotion Library.
- Implementing JSON API with server communication.
- Implementing Google OAuth2 Google API authentication.
- Implementing Git version control with Github.
- Knowledge with Javascript Es6 and DOM manipulation.
- Using various Front-End Frameworks such as MUI and Bootstrap.
- Developing the website to be responsive and Cross-Browser compatibility.
- Developing a user-friendly UI.
- Making animations using Javascript and CSS.
- Reading, understanding and implementing the documentation provided with JS libraries from NPM.
- Researching using Stackoverflow, W3schools to find solutions to Javascript.

- Brain storming ideas to solve unique requests made by customers.
- Implemented backend functionalities using Node.js and Express.js to handle server-side logic and API integrations.
- Utilized MongoDB and Mongoose for efficient data storage and retrieval, ensuring data consistency and integrity.
- Implemented authentication and authorization mechanisms using Passport.js and JWT for secure user authentication.
- Integrated third-party APIs, such as payment gateways and social media platforms, to enhance application functionality like Stripe. Implemented efficient error handling and logging strategies to identify and resolve issues in the backend.
- Collaborated with the team using Git and GitHub for version control and effective code collaboration.

Education



100 Days of Code: The Complete Python Pro Bootcamp

Udemy Certificate

Feb 2023 - Mar 2032

During my journey with the "100 Days of Code: The Complete Python Pro Bootcamp" by Angela Yu, I embarked on an immersive learning experience. I delved into the world of Python programming, discovering its power and versatility. Through Angela's expert guidance, I gained a solid foundation in Python syntax, data types, and control flow. I expanded my skills further by exploring object-oriented programming and file handling, enabling me to build more sophisticated applications. With hands-on projects and coding challenges, I honed my problem-solving abilities and embraced a practical approach to learning. Angela's teaching style kept me engaged, and her clear explanations allowed me to grasp complex concepts effortlessly. Overall, the bootcamp was an invaluable opportunity to develop my programming skills and instill a passion for Python within me.



The Complete Javascript Course by Jonas Schmedtman

Udemy Certificate

Jun 2021 - Jul 2021

In Jonas Schmedtmann's "The Complete JavaScript Course: From Zero to Hero!" bootcamp, I gained a comprehensive understanding of JavaScript from beginner to advanced level. I learned essential concepts like variables, functions, and arrays, and explored more advanced topics such as asynchronous JavaScript and DOM manipulation. Through practical coding exercises and real-world projects, I acquired hands-on experience applying JavaScript in web development. Jonas's clear explanations and step-by-step guidance helped me build a solid foundation in JavaScript programming. This bootcamp equipped me with the knowledge and skills needed to confidently develop dynamic and interactive web applications using JavaScript.



Stephen Grider Modern React with Redux

Udemy Certificate

Apr 2021 - May 2021

I gained a comprehensive understanding of React.js and Redux through Stephen Grider's "Modern React with Redux" bootcamp. I learned core concepts, such as components, JSX, and state management. The course covered advanced topics like React Router, authentication, and testing. I acquired practical experience through hands-on coding exercises and projects. The bootcamp emphasized modern tools and best practices, including Webpack, Babel, and ES6 syntax. Stephen Grider's engaging teaching style made complex topics accessible. I completed the bootcamp with a solid foundation in React.js and Redux, along with industry-standard development skills.



Dr. Angela Yu complete Web Development Bootcamp

Certificate, Web Development

Jan 2021 - Apr 2021

I gained valuable knowledge from Angela Yu's web development bootcamp. It covered a wide range of topics, including HTML, CSS, JavaScript, Bootstrap, backend development with Node.js and Express.js, and frontend development with React.js. Throughout the course, I completed hands-on projects and exercises that helped solidify my understanding of these concepts. Angela Yu's teaching style was clear and concise, providing step-by-step explanations and practical examples. By the end of the bootcamp, I had acquired the skills necessary to build responsive and dynamic web applications. The course's focus on real-world applications and industry-relevant technologies ensured that I was well-prepared for a career in web development.



American University of Science and Technology

Bachelor's Degree, Business Administration and Management, General

2013 - 2016

Skills

Socket.io • Electron.js • Object-Oriented Programming (OOP) • Full-Stack Development • Git • AJAX
• RESTful WebServices • JSON Web Token (JWT) • HTML5 • Flutter