Mohammad Abbass
Full Stack Developer

(961) 71255014 | mhmd.y.abbass@gmail.com | Linkedin | Github | Portfolio

SUMMARY

Full stack developer with a strong background in crafting fully functional websites, proficient in multiple programming languages and frameworks

EXPERIENCE

Software Developer   August 2023 – Present
Big Data Specialist   *Remote*
- Collaborated with a team to plan the design and architecture of a website for sharing programming courses from various sources.
- Migrated the project from ReactJS to Next.js for improved performance and SEO.
- Developed a search engine with advanced filters and pagination to efficiently display course content.
- Implemented web scraping functionality using Selenium WebDriver and Java to aggregate course data from different sources.
- Utilized redux toolkit for state management.

Software Developer Intern   June. 2023 – Aug. 2023
Bracket Technologies   *Hazmieh, Lebanon*
- Collaborated with a team of developers to design, architect, and create a flight and hotel booking platform using Bracket programming language.
- Developed and tested various components of the platform to ensure functionality and reliability.
- Created a user registration form allowing agents to create accounts on the platform.
- Developed a search engine with advanced filters to display and manage agents effectively.

PROJECTS

Mo Programming Language | *JavaScriot, moo, nearley.js*
- Developed a custom programming language using JavaScript, leveraging moo for lexical analysis and nearley.js for parsing.
- Designed and implemented a syntax and grammar framework, ensuring efficient parsing and lexing processes.
- Built a transpiler to convert source code into an javaScript.

Js/React Online Code Editor | *ReactJs, TypeScript, Esbuild, UNPKG, Monaco Editor*
- Developed an online JavaScript/React code editor, utilizing esbuild WASM for in-browser code execution.
- Integrated Monaco Editor with React and TypeScript for a robust, feature-rich coding environment.
- Created a custom plugin to intercept package fetching from npm, redirecting it to UNPKG to enable browser-based package retrieval.
- Implemented caching for packages to improve loading times and enhance user experience.

Rapid Express | *NodeJs*
- Created a CLI tool using nodeJs to automate the creation of Express apps, generating projects with a predefined structure.
- Implemented automatic database connection setup and global error handler middleware.
- Achieved over 500 downloads on npm.

TECHNICAL SKILLS

Languages: Java, C, Csharp, SQL, NoSQL, JavaScript, TypeScript, PHP
Frameworks: React, Node.js, NextJs, ExpressJs, .NET, Laravel, Spring
Tools:Git, Github, Docker, VS Code, Visual Studio, Selenium, Playwright, Jest, Redux
Runtime Environments: NodeJs
Markup and Styling Languages: HTML, CSS

EDUCATION

Lebanese University   Beirut, Lebanon
Bachelor in Management Information Systems   *Sep. 2021 – July 2024*