

MOHAMAD MCHAWRAB

Full Stack Developer

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SUMMARY

Results-driven full-stack engineer with over 6 years of comprehensive experience in JavaScript, TypeScript, React, Nextjs, Python, and Nodejs. Adept at crafting high-performance applications with a demonstrated track record of excellence. Proven ability in end-to-end development, showcasing expertise across diverse technologies and frameworks. Recognized for consistently delivering impactful solutions that enhance overall project success.

SKILLS

Client-Side: HTML, CSS/SCSS, ES6, JSX, React/React-native, Formik/up, ReduxToolkit, TypeScript, MaterialUI, Bootstrap.

Server-side: Java, C/C++, Python, NodeJS, Swagger, REST API, AWS Services, Locust, Traefik, GraphQL, JWT.

Database: MySQL, PostgreSQL, MongoDB, ElasticSearch, DynamoDb.

Development & Operations: Prometheus and Grafana, Docker for containerization, Redis, Jenkins, GitLab

Management Skills: Team Player, Time management, Agile (Scrum).

Machine Learning: TensorFlow, Scikit-learn, Pandas, NumPy, Deep learning with neural networks

EXPERIENCE

Full stack Engineer

Netherlands, Amsterdam

Matrixian Group - Drimble Team

01/2022 - Present

Drimble, the largest hyperlocal news and information website in the Netherlands, attracts over 3 million monthly visitors and receives 15 million page views. As a full-stack engineer at Drimble, I played a pivotal role in shaping its technological infrastructure and contributing to its success.

- Spearheaded the integration of Elasticsearch, implementing a transformative approach to accelerate search functionality for news and companies. Achieved a remarkable reduction in search time from 1.2 seconds to less than half a second, significantly enhancing user experience and retrieval speed.
- Optimized SEO strategies resulting in a substantial increase in views for Drimble. Effectively implemented tactics that enhanced the visibility and reach of the platform, contributing to its broader audience and engagement.
- Implemented robust client-side functionality using Next.js in conjunction with Redux, ensuring efficient state management and delivering a seamless user experience. Additionally, spearheaded unit testing automation using Cypress to ensure the reliability and stability of the client-side components.
- Played a key role in the end-to-end development and maintenance of the Next.js web application, driving innovation through bug fixes, feature enhancements, and the integration of new APIs.
- Architected and implemented unique database structures through PostgreSQL procedures and , seamlessly integrating with multiple APIs.
- Pioneered the optimization of APIs using FastAPI, significantly elevating system efficiency, refining data management, and ensuring flawless integration.
- Implemented comprehensive testing strategies, including pytest, and established pre-commit processes to guarantee code quality before each release, contributing to a robust and reliable system.

Lebanon, Beirut

Full stack Engineer

Lereum

2020 - 2022

A pioneering trading platform, Lereum, is currently undergoing construction to redefine your crypto trading experience. Beyond this project, Lereum is committed to delivering a suite of innovative solutions, ensuring a comprehensive and unparalleled trading ecosystem.

- Designed and Developed UI design for over 5 clients using CSS, HTML, React and NextJs; websites scoring over 85 on Lighthouse
- Contribute in implementing Charts in our system by integrating Trading View platform.
- Responsible for implementing UI mockups, integrating third party react libraries, handling and creating Redux store with high load of data.
- Experience in creating connections for HTTP requests using Websockets.
- Cryptocurrencies, order books, wish books, wallets and best third party providers.
- Ensured optimal performance and scalability of backend services through effective use of caching strategies and load balancing techniques.
- Employed middleware for authentication, data validation, and error handling to enhance the security and reliability of the APIs.

EXPERIENCE

Full Stack Engineer

Arcina Risk

Los Angeles, CA

2017 - 2020

Keeling Group is a leading Digital Product Studio in California, helping companies to thrive on mobile apps, the web, VR/AR and IoT.

- Collaborated with a team of healthcare experts to design and develop a SaaS application for insurance companies in Los Angeles.
- Developed the latest user-facing features using ReactJs, React-native, and built reusable components & front-end libraries for future use.
- Implemented REST API using Nodejs, Strapi, Expressjs.

EDUCATION

M.S. in Computer Science

Lebanese University, GPA 3.2/4.0

Lebanon, Beirut

2016 - 2017

PROJECTS

News Media Platform

www.drimble.nl

Full Stack Developer

2022 - Present

NL, Amsterdam

- Worked with in an agile team of highly skilled software engineers, designers, and quality assurance engineers.
- Implemented SEO best practices to improve the platform's search engine visibility.
- Conducted performance optimizations to ensure fast loading times and a responsive user experience. Conducted performance optimizations to ensure fast loading times and a responsive user experience.
- Led the end-to-end development of Dimrble.nl, including both front-end and back-end components.
- Integrated secure user authentication mechanisms, enhancing user privacy and account security.
- Implemented a user-friendly interface for seamless navigation and engagement.

Trading Platform

www.lereum.com

Lead Frontend Developer

2021

Lebanon, Beirut

- Improved code quality, and fixed major and minor bugs in different areas of the trading application.
- Integrated Amplify Authentication services to securely manage user sign-up, sign-in, and password recovery processes.
- Participated in skill-building sessions and workshops
- Implemented real-time store pricing functionality using Redux and WebSocket communication.
- Spearheaded the design and development of order book system.