

Hozifa Zean

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Full Stack Software Engineer

Passionate software engineer with almost 4 years of professional career in the tech industry, specializing in web applications and software development. Proficient in problem-solving, strategic planning, and collaborative teamwork. Completed around 78 projects, honing skills in troubleshooting, and ensuring top-notch software solutions. Delivered successful consulting, software development, and adept testing/debugging services to various clients. Skilled in React, Express and Database normalization.

Web services ☐ SOA ☐ Design patterns ☐ Test Driven Development ☐ System Design ☐ Clean Code

UI/UX Design ☐ Object Oriented Programming (OOP) ☐ Web Technologies and Frameworks

Languages: PHP, Java, C++

Web: HTML5, CSS3, SASS, AJAX, jQuery, JavaScript, NodeJS, ReactJS, React Bootstrap

Web Services: REST, JSON, GraphQL, SOAP, WebSocket, WebFlux

Web/App Servers: Apache Tomcat, Nginx

Frameworks: Spring Boot, ExpressJS, Laravel, CodeIgniter

Databases: MySQL, MongoDB, PostgreSQL, Redis

Design Patterns: MVC, MVVC, Singleton, Command, Factory, Facade, Observer, Builder, Proxy, Dependency Injection

SDLC: Agile/Scrum, Waterfall

Tools: Maven, Gradle, Webpack, Eclipse, IntelliJ, pgAdmin, Kafka, Redux, Sequelize, Prisma, Git, GitHub, GitLab, Docker, JUnit, REST Assured, Selenium, JPA

Platforms: Windows, Linux, Mac

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

Tahaluf AI Emarat Technical Solutions, Abu Dhabi, UAE ☐ 10/2022 – 05/2023

Government service provider to clients.

Full-stack Developer

- Created APIs utilizing Express, GraphQL, and Dgraph to enhance app performance and functionality by 30% for front-end Mobile developers.
- Revamped UI with React Bootstrap and Tailwind for micro-services, while elevating user engagement by 40% through strategic implementation of business logic using React.js.
- Integrated secure authentication and authorization mechanisms using JSON Web Tokens (JWT) to enhance the security of user interactions.
- Implemented real-time features using WebSockets to enable instant communication between the server and client, providing users with live updates and notifications, gaining more user satisfaction.
- Successfully eliminated system integration bugs by leveraging advanced debugging tools, conducting thorough code analysis, and fostering collaborative efforts within the team, resulting in the establishment of a stable and impeccably functional system.

Technologies Used: React.js, Redux, Node.js, Express.js, Microservices, MongoDB.

Brain Click Ads, Dubai, UAE ☐ 07/2021 – 10/2022

A full-service digital marketing agency.

Front-end Developer

- Spearheaded the implementation of Git for precise version control, empowering a collaborative environment among developers and meticulous tracking of codebase alterations.
- Proficient use of Git for version control, allowing for efficient collaboration with other developers and tracking changes in the codebase.
- Elevated code quality by implementing rigorous pre-deployment code reviews, followed by strategic refactoring, resulting in a significantly enhanced and cleaner codebase.
- Spearheaded robust Testing and debugging practices using unit tests (TDD), ensuring a flawless production environment devoid of critical bugs.

Technologies Used: *React.js, React Bootstrap, Redux, React Context, React Hooks, TDD.*

Sky Puzzle, Dubai, UAE □ 10/2020 – 05/2021

Software Company.

Full-stack Developer

- Developed RESTful APIs using Express.js and Node.js, harnessing the power of these technologies to achieve seamless communication between the front-end and back-end.
- Implemented a web Dashboard using react.js for front-end and PHP as back-end for controlling and managing the content of our mobile apps (CPanel).
- Initiated the creation of BDD Tests using React Jest-Dom prior to code commencement, ensuring the ultimate accuracy and reliability of the final code.
- Demonstrated capability in conducting thorough testing, including unit testing and integration testing, and effective debugging to ensure the reliability of applications in the backend.

Technologies Used: *React.js, Redux, React Bootstrap, jQuery, Node.js, Express.js, Redus, MySQL, MongoDB.*

Stim co ltd, Omdurman, Sudan □ 08/2019 – 08/2020

Soft drinks provider.

Full-stack Developer

- Successfully designed and implemented RESTful APIs, ensuring scalability, maintainability, and adherence to best practices.
- Utilized Docker for containerization, allowing for consistent deployment across different environments and simplifying the management of dependencies.
- Improved database performance by optimizing SQL or NoSQL queries, indexing, and implementing caching strategies for efficient data retrieval.
- Collaborated extensively with engineering and product management, contributing pivotal insights to architect innovative solutions addressing core business challenges.

Technologies Used: *React.js, jQuery, PHP, Spring Boot, MySQL.*

ACADEMIC PROJECTS

Maharishi International University (2023)

Dynamic Microservices Generation: Is a platform that enables the automatic generation, deployment, and orchestration of microservices based on dynamic business requirements. It adapts in real-time to changing demands and conditions, allowing for a highly flexible and scalable architecture. This platform contains seven services. I created a reporting service for this platform. And I designed the front-end dashboard to show the statistics of these services (Report).

Maharishi International University (2023)

Library System: Designed and developed a desktop application managing library operations—book management, user handling, and borrowing. Created sequence diagrams and implemented CRUD operations for Books and Users. Integrated all modules using Java Swing, StarUML, and Eclipse.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 12/2025)

Maharishi International University, Fairfield, Iowa

Key Courses: *Web Application Architecture, Algorithm, Software Architecture,
Software Engineering*

Bachelor of Mathematics and Computer Science in Computer Science

University of Khartoum, Khartoum, Sudan (07/2020)