

OMAR ASSAF

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SOFTWARE DEVELOPER

Skilled software developer with more than 3 years of hands-on experience providing design and development services for web and mobile software applications, using NodeJS, NextJS, Express, React, Python, GraphQL, SQL, and MongoDB. Expertise in using modern Software Development Life Cycle methodologies, industry best practices, clean architecture, and design patterns to deliver high-quality, secure solutions in high-performance, secure environments.

Front-End Development • Object-Oriented Principles • Design Patterns • Microservices
Database Design • Software Development Life Cycle • Team Collaboration • Testing

Languages: JavaScript, TypeScript, PHP, Python, Dart, Java

Web: jQuery, HTML5, CSS3, SASS, React, NextJS, Angular, XML

Web Services: REST API, JSON, Microservices, SOAP

Web/App Servers: Nginx, Apache/Tomcat

Frameworks: NextJS, Angular, Django, Flutter, Spring (MVC, Boot, Dependency Injection)

Databases: MySQL, PostgreSQL, MongoDB

Design Patterns: MVC, Singleton, Prototype, Observer, Session, Session Factory, Strategy, Decorator

SDLC: Agile, Waterfall

Tools: VS Code, IntelliJ, Eclipse, Git, JIRA, Postman, Android Studio, Docker

Platforms: Mac OS, Linux, Windows, iOS, Android

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).

OPTIMUM PARTNERS, Amman, Jordan • 2021-2023

Staffed augmentation company.

Software Engineer

Outsourced for US-based Hearst Media Monetization – Ad Product and Tech team.

- Developed web applications using NextJS and React, leveraging powerful features to build responsive, interactive user interfaces with GraphQL on the server side.
- Integrated ad platforms, such as Google AdSense and custom ads, into web applications. Set up Google Analytics to track user behavior and measure key metrics for data-driven decision-making.
- Implemented responsive web applications that deliver seamless user experiences across devices and screen sizes.
- Familiar with setting up CI/CD pipelines using tools like GitHub Actions to automate the build, test, and deployment process.
- Integrated pipelines with version control systems and deployed applications seamlessly.
- Developed server-side applications, using the asynchronous, event-driven architecture of NodeJS to build scalable, high-performance web services and APIs. Applied frameworks like ExpressJS to streamline development and enhance code organization.
- Collaborated with international teams, demonstrating strong communication and adaptability skills to work across time zones and cultural differences in a diverse, distributed team environment.

Technologies Used: VS Code, JavaScript, TypeScript, Python, React, NextJS, NodeJS, GraphQL, HTML, CSS, SASS, PHP

DINFFO, Amman, Jordan • 2020-2021

Startup company building an appointment application for doctors and clinics.

Full Stack Developer

Created a web application that allows patients to book appointments with doctors in Jordan, and doctors to manage appointments, clinic, and staff.

- Proficient in building modern web applications with React, strong understanding of React.Js component-based architecture and virtual DOM.
- Skilled in designing data models, creating, and managing collections, performing CRUD operations, and implementing data validation and indexing for optimized query performance using MongoDB.
- Built efficient backend systems using NodeJS. Developed RESTful APIs, implemented authentication and authorization, and integrated with third-party services.
- Developed cross-platform mobile applications using Flutter's rich set of widgets, state management, and hot reload features to create visually appealing, high-performance apps on iOS and Android.
- Deployed Flutter applications on iOS and Android devices; managed provisioning profiles, certificates, and the App Store Connect portal. Maintained familiarity with the submission and review process Ensured compliance with Apple's guidelines, ensuring a smooth deployment experience.

Technologies Used: JavaScript, HTML, CSS, React, GraphQL, Flutter, VS Code, JIRA, Dart, NodeJS, MongoDB

PERSONAL PROJECTS

Movies (2021): Developed a website that displays a list of recently added and coming-soon movies.

Technologies Used: VS Code, NextJS, SQL, NodeJS, HTML, CSS, Bootstrap

ACADEMIC PROJECTS

Maharishi International University, Fairfield, Iowa (2023):

- **Chat Application:** Developed real-time chat software using NodeJS, HTML, and CSS.
- **F1 Application:** Created a MEAN stack application using NodeJS, MongoDB, and Angular.
- **Real Estate Application:** Implemented a program to help real estate professionals and clients manage and access real estate information, by selling, buying, and renting. Used Spring Boot, MySQL, and ReactJS.
- **Online Retail System:** Developed RESTful application using Spring Boot, MVC, and Data JPA, where users can browse and search for items, add to a shopping cart, and place an order.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion June 2025)

Maharishi International University – Fairfield, Iowa

Bachelor of Science in Computer Science (2020)

Applied Science University – Amman, Jordan

PROFESSIONAL DEVELOPMENT

Udemy Courses in Flutter, NodeJS, React & Java Spring
Certified Web Professional – Web Accessibility Specialist (CWP)