

OSAMA YASSIN ISHAQ

Software Engineering



Software engineer with 3+ years and a developer with a proven track record of designing and implementing software solutions for mobile and web applications. Throughout my career, I have used programming languages to develop innovative and efficient software solutions. I have also built interactive maps using LeafletJS or MapboxJS for visualization and user engagement and used the Corsfilter JS framework to perform data analysis and gain insights into user behavior and preferences.

General skills

Software project management

Agile Software Development

Mobile Application Development

Web Application Development

Software Development Lifecycles (SDLC)

Data Analysis

Data visualization

Database structure

Web GIS development

Technical skills

Web Services:

Android SDK, HTTP, Restful Web Services, Google APIs, JSON , Restful API

Programming languages

Flutter , Dart , java , XML , HTML 5 , Javascript , JQuery , CSS , PHP , Python , Ajax ,Framework (Laravel , Node js , Bootstrap , crossfilter js) .

Databases / Server

MySQL, Firebase , Postgres , Sql Server , PostGIS

Software / Tools

Android Studio , VSCode , ArcGIS, QGIS , ArcGIS ONLINE, ArcGIS Server
Map(Leaflet.js , Mapbox.js , Esri map , Google Map)

Work Experience

Tawzie Tech Information Technology

Software Engineer / Company Manager 2022 -2023

- Develop mobile and web applications using Java, the framework (flutter,laravel,node js)
- Created engaging data visualizations by integrating MapboxJS and D3JS, increasing website traffic by 25% within 3 months
- Use the Corsfilter JS framework to perform data analysis and gain insights into user behavior and preferences
- Collaborate with cross-functional teams to design and implement software solutions that meet client requirements
- Design and execute strategies to improve software development processes and increase efficiency
- Participate in company-wide design strategy development to ensure alignment with business goals and objectives
- Work with business development teams to identify opportunities for new product development and market planning
- Manage a team of developers, including conducting performance reviews and providing guidance and support
- Develop and maintain relationships with clients to ensure customer satisfaction and retention

Freelance

Programmer, 2020 - 2022

- Develop websites and web applications, utilizing front-end and back-end technologies such as HTML, CSS, JavaScript, PHP, and MySQL
- Provide data analysis services, using tools such as Python to analyze and visualize data for clients
- Offer web GIS services, leveraging ArcGIS Online, Leaflet, and Mapbox to develop interactive web maps
- Collaborate with clients to design and implement software solutions that meet their unique needs and requirements
- Conduct testing and debugging of software to ensure smooth and error-free operation

Wafra Information Technology

Programmer, 2019 - 2020

- Build documentation for software projects to ensure knowledge transfer and team alignment
- Design databases that are optimized for performance and scalability, using technologies such as SQL and NoSQL
- Develop web applications using PHP and Laravel framework for back-end development
- Utilize front-end technologies such as HTML, CSS, and JavaScript for user interface development

Training

Netherlands Embassy / Orange Corners (9 MONTH)

Skills: Entrepreneurial mindset developed through incubation and acceleration programs

- Business strategy development and implementation
- Marketing plans and Adaptability to changing market conditions
- Creativity, innovation, and problem-solving

Education

Bachelor in software engineering, Sudan University of science and technology

2016 - 2022

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