Ahmad Issa

Frontend developer

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Summary

Frontend Developer with a background in Computer Engineering, and hands-on experience building scalable, performant web applications using React and TypeScript. Specialized in UI/UX enhancements, responsive design, and GIS-based development using ArcGIS tools. Proven track record of delivering interactive solutions for government and enterprise clients.

Education

- Bachelor's degree in **computer engineering** from United Arab Emirates University (2020-2024)

Skills

- **Frontend Development:** HTML, CSS (SCSS, SASS), JavaScript, TypeScript, React.js.
- **Geospatial Development:** ArcGIS Experience Builder, ArcGIS APIs.
- **Tools & Platforms:** Git, Visual Studio, VS Code, Anaconda, Spyder, Jupyter Notebook, Cisco Packet Tracer, Microsoft Office Suite.
- **Soft Skills:** Problem-Solving, Team Collaboration, Communication, Leadership.

Professional Experience

Frontend Developer
GISTEC, Amman (Jan 2024 – Present)

- Developed and customized multiple ArcGIS Experience Builder widgets for public sector clients (e.g., Dubai Police, Sharjah Municipality).
- Built responsive, modular UI components using React and TypeScript to enhance user engagement.
- Integrated REST APIs and ArcGIS services to support interactive maps, filters, and real-time data visualization.
- Refactored legacy components for better maintainability and performance, reducing app load time by up to 30%.
- Participated in solution design, debugging, and deployment workflows in cross-functional Agile teams.

Internship

Web Developer
GISTEC, Sharjah (Sep 2024 – Dec 2024)

- Contributed to front-end implementation of ArcGIS-based applications using HTML, CSS, and JavaScript.
- Supported API integration for real-time data display and improved map interaction features.
- Gained practical exposure to ESRI tools and client-facing GIS applications.

Key Projects

- **Government GIS Dashboards:** Developed web dashboards and widgets for UAE government entities such as Dubai Police, Sharjah Municipality, and the Sharjah Real Estate Registration Department using ArcGIS Experience Builder and React.
- **Custom Widget Development:** Created dynamic and reusable Experience Builder widgets for filtering, map interaction, and real-time data visualization.

University Projects (Selected Highlights):

- **AI Virtual Assistant for Vehicles:** Designed an AI-based system to monitor and improve driver attentiveness.
- **Smart City Optimization:** Built an IoT and ML-based solution for urban planning; ranked in the top 10 graduation projects at UAEU.
- **Autonomous Smart Car Robot:** Programmed an embedded navigation system using Python and microcontrollers.
- **IoT Network Optimization:** Conducted wireless network efficiency analysis for connected devices.

Certifications

- **Frontend Development –** Simplilearn
- **Project Management –** LinkedIn Learning
- **GIS Apps & ArcGIS –** Esri
- **Data Science & Networking –** Cisco