Aya Alabedi

Full-Stack Software Engineer
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Motivated team player and coding bootcamp graduate with four years of experience in Automation/System Engineering in a large-scale project. Knowledgeable in various coding languages for both front and back end development. Professional strengths include problem-solving, ability to pick up new languages & technologies, and performing under stressful situations. Currently seeking for opportunity to utilize my skills to transition into software development.

Software Development Skills

- JavaScript, Python, Node.js, React, Express, Redux, RESTful API, MySQL, PostgreSQL, Sequelize, Bootstrap, Flexbox, HTML, CSS, GitHub, Visual Studio Code, ProjectWise Bentley, iSnag, FormPlus, Primavera, MS Project, Aconex, and MS Office Suite (Word, Excel, PowerPoint, Outlook, Active Directory), Operating systems: Windows 10 & 7

Education

DigitalCrafts | Certificate in Software Engineering | Houston, TX   **Jun 2021 – Sep 2021**
- Software engineering training program covering full-stack development including, but not limited to JavaScript, Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

Coventry University | Bachelor of Engineering in Computer Networking & Hardware | Muscat, OM   **2009 – 2014**

Software Development Portfolio

Safe Travels | Flights Search App | React, Redux, JavaScript, HTML, CSS, Restful API, React Bootstrap   **Aug 2021**
- Safe Travels is a solo project
- Safe Travels users can search for one-way and roundtrip flights itinerary. Users will have the options to search for one-way and roundtrip flights by providing the travel destinations (Where from and Where to), travel and return dates, and their preferred itinerary currency. Safe Travels will compare best flights offers and users will have the ability to sort the search results based on prices
- Links: safe-travels.netlify.app/ | github.com/ayaabedi/Safe-Travels

LunchTable | Recipes Search App | JavaScript, HTML, CSS, Node.js, PostgreSQL, Express.js, Restful API   **Aug 2021**
- LunchTable is a user-friendly team project of 4-developers sharing one platform
- LunchTable users can search for meals recipes by providing any available ingredients, create new account, login, and logout, add recipes to their favorite list and access at any time, and share their own recipes with their peers using the Add New Recipe feature
- Link: github.com/ayaabedi/lunchTable

Earthquake Tracker | Global Seismic Activity Tracking App | JavaSript, HTML, CSS, Restful API   **Jul 2021**
- Earthquake Tracker is a team project of 4-developers working remotely sharing one platform
- Earthquake Tracker was built to provide users with an information from the most recent earthquake worldwide captured by the U.S. Geological Survey (USGS). Users can have earthquake details including the exact location on the globe, date and time, altitude and longitude, magnitude, and the depth
- Links: earthquake-tracker.netlify.app/ | https://github.com/rrr5458/earthquake

RPG GAME | Python   **Jun 2021**
- RPG GAME is a solo project
- RPG is a single player 3-levels game. In level one the gamer will start as a hero character and fighting a single enemy. In level two and three the difficulty will increase by fighting two and three enemies respectively
- Link: github.com/ayaabedi/Python-Project

Professional Work Experience

DigitalCrafts | Full-Stack Software Student | Houston, TX   **Jun 2021 – Sep 2021**
- Full-time student attending DigitalCrafts' Immersive Full Stack Web Development certificate course.
- Curriculum includes, but is not limited to technologies such as Python, CSS, HTML, JavaScript, Node.js, Express.js, React.js, JSON, RESTful APIs, and PostgreSQL

Bechtel Corporation | Automation Engineer | Muscat, OM   **Jan 2015 – Dec 2018**
Turnover and Engineering department
- Integrated and managed tracking SQL database system to monitor status of items installation, materials, inspections, walkdowns, and punch list items
- Integrated and managed database to monitor and provide work progress reports, resolve installation/implementation per the plan, resolution of conflicts, and ease the connections between project departments including Engineering, Construction, Procurement and Estimation
- Administrated ProjectWise, iSnags, and FormsPlus including user support and troubleshooting and permissions, and solving issues, provided trainings to employees, clients, and subcontractors
- Provided support to existing project software using programming languages such as python and JavaScript
- Assisted on solving domain problems and resolves user issues

Certifications

- Bechtel University (2016) | Bechtel Certified Engineer
- Professional Accreditation (2013) | EC-Council Certified Security Specialist Member ID: ECC965561