Alireza Entessari

SOFTWARE ENGINEER

aente003@fiu.edu
954-908-0049
linkedin.com/in/alireza-entessari
github.com/AlirezaEntessari

PROFILE

Software engineer with extensive knowledge of both software development and electrical engineering seeking a technical career. My multidisciplinary background makes me a uniquely qualified candidate for the technology field. With extensive experience in the industry from software testing to warehouse automation to software development, I have both the technical skills and the background working in a team dynamic to make a positive impact for your company from day one.

SKILLS

C, Java, C++, HTML, CSS, JavaScript, Angular, React, Python, PostgreSQL, Linux, Git, Node.js, Express, MongoDB, TypeScript, Mongoose, Xilinx, NI Multisim, AutoCAD, Networking, Microsoft Office: Excel, Word, PowerPoint, Google Firebase, AWS Certified Cloud Practitioner, AWS Certified Developer, Arduino, MySQL, Agile Development, Document Object Model (DOM) APIs, Web APIs, User Authentication, OAuth, Heroku, GitHub, Jest, Sass

EXPERIENCE

IoT Consultant | LHP Data Analytics & IoT

AUG 2022 - MAR 2023, MIAMI, FL

- Successfully passed AWS Certified Cloud Practitioner and AWS Certified Developer certifications in under two months.
- Set up OPC-UA servers in Ignition software for data to be analyzed in a SCADA system, increasing the speed of data transmission by 33%.
- Worked together in a team of 3 that used Angular to develop the form submission and input pages of a client website on schedule.
- Utilized HubSpot Customer Relationship Management (CRM) software to develop the marketing pages used to increase company outreach and visibility, increasing traffic by 50% in one month.

Software System Engineer | KNAPP

OCT 2021 - JULY 2022, ATLANTA, GA

- Developed queries of the warehouse database using SQL in order to manage orders that were in the top ¼ quartile in terms of efficiency.
- Utilized python scripts to generate and to track orders in KNAPP's proprietary WCS (Warehouse Control System).

EDUCATION

BrainStation Online | Diploma, Software Engineering

SEP 2023 - DEC 2023, MIAMI, FL

Florida International University | MSc in Computer Engineering

JAN 2019 - DEC 2020, MIAMI, FL

- GPA 3.530.

Florida International University | BSc in Computer Engineering

AUG 2014 - DEC 2018, MIAMI, FL

- GPA 3.320   Dean's List: Spring 2015, Spring 2018

PROJECTS

Embedded Developer for Smart People Counter System

FIU Senior Design Project 2018

- Designed a counter system that can detect the number of people entering or leaving a room using infrared sensors and interfaced it with an App developed for Android platforms using the Bluetooth Simblee module.

Dev for Real-time Display of PV Cell Values in Google Firebase

FIU Energy, Power, and Sustainability Lab

- Implemented the transmission of sensor readings using Wi-Fi to a real-time database in Google Firebase using ESP 8266 Wi-Fi modules.

Travel App

BrainStation Capstone Project

- Developed a full stack travel app using React for the front-end and a node-server using the express library on the backend. The app displays relevant information such as the cuisine of a country for each country on the frontpage.

Brainflix

BrainStation Project

- Designed both a responsive React front-end and the backend with its own API targeting specific route endpoints. The webpage has both get and post functionality to retrieve data and to upload videos to the page, respectively.