

Moe Ayoub

[LinkedIn](#) | [GitHub](#) | [Salesforce Trailblazer](#) | [Portfolio](#)

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Summary

As a Full Stack Developer, I led the development of an Agricultural Division's E-Commerce website and integrated multiple systems using technologies like C#, Azure, Boomi, and Oracle. My expertise lies in object-oriented programming, and web development, where I focus on creating user-friendly solutions to optimize complex system performance.

Skills

Languages: JavaScript, TypeScript, C#, Python, Java, C++, C

Frontend: HTML, CSS, SASS, Tailwind, Vue.js, React.js, Nuxt.js, Next.js

Backend: Microsoft SQL Server, Oracle SQL, Postgre SQL, MySQL, Azure Functions, Node.js

Platforms: Azure, Salesforce, Boomi, IFS ERP

Tools: Git, Visual Studio, Visual Studio Code, PyCharm, Postman

Experience

SOFTWARE DEVELOPER | RAVEN INDUSTRIES INC | OCT 2020 – SEPT 2023

- Integrated our E-Commerce web site to Raven's new ERP system. Utilizing C#, Azure Web App, Message Service Bus Queues, Web Job, Microsoft SQL Server, and Oracle SQL
- Integrated our 3rd party CRM (Salesforce) system with Raven's current ERP system. Utilizes C#, Boomi, and Oracle. Then re-did the integration by building a .NET library (SOAP) for Salesforce and creating .NET console apps to sync data between Raven's current ERP and Salesforce
- Integrated our IT ticketing system (Ivanti) with Azure DevOps by building a .NET 6 console app
- Developed Salesforce LWC, Aura, and APEX classes to enhance Raven's business processes

BUSINESS ANALYST | FLEXON TECHNOLOGIES | JUNE 2020 – AUG 2020

- In-depth knowledge of Software Development Life Cycle
- Extensive experience with SCRUM to accommodate requirement changes and promote flexibility
- Ability to elicit, analyze, gather, document, and prioritize requirements and specifications for complex and simple projects

SENIOR DESIGN PROJECT | DAKTRONICS | AUG 2019 – MAY 2020

- Designed a device that can gain physical access to the network settings of Daktronics's display controllers (host device) and to reconfigure those network settings as needed
- Responsible for programming the microprocessor and the C# application that allows the microprocessor to communicate with the host device
- Created a setup file for the C# application for easy installation of the C# application.
- Designed and built the PCB for the device

APPLICATION ENGINEER INTERN | SENCORE INC | MAY 2018 – AUG 2019

- Led the software and hardware testing for Sencore and WELLAV products to ensure products met or exceeded specifications.
- Responsible for determining the root cause of customer reported issues and reporting the results to the Application Engineering team for resolution.
- Collaborated with the Engineering department to enhance the stability and performance of development products.

TECHNICIAN | SDSU PERFORMING ARTS CENTER | SEPT 2017 – MAY 2018

- Responsible for running wires to the stage speakers and setting up the lighting system.
- Troubleshooting defective equipment during live performances.

Education

SOUTH DAKOTA STATE UNIVERSITY | BACHELOR OF SCIENCE DEGREE | AUG. 2015 – MAY 2020

Major: Electrical Engineering

GPA: 3.2

Minors: Mathematics

Projects

PORTFOLIO | MAR 2024 | REPO-LINK

This is my personal portfolio. Built with Next.js, React.js, TypeScript, and Tailwind. Includes projects I designed and developed along with a resume link to view or download

MOVIESAPP | FEB 2024 | REPO-LINK

A collection of movies and shows (similar to IMDB). Built with Nuxt.js, TypeScript and Tailwind

FAKESTORE | DEC 2023 | REPO-LINK

An E-Commerce website built with Vue.js, SASS, and JavaScript. Features include user management & store checkout. Powered by Azure & Supabase. For the purposes of this demo, the Best Buy API was used to display products on the E-Commerce website

RESUME WEBSITE | NOV 2023 | REPO-LINK

My personal web resume made with Vue.js, SASS, JavaScript, Azure Functions, and C#

Certificates

ASSOCIATE INTEGRATION DEVELOPER

- Boomi – OCT 2023

C# CERTIFICATE

- HackerRank – CERT-LINK – OCT 2023

JAVA CERTIFICATE

- HackerRank – CERT-LINK – OCT 2023

PYTHON CERTIFICATE

- HackerRank – CERT-LINK – OCT 2023

JAVASCRIPT CERTIFICATE

- HackerRank – CERT-LINK – OCT 2023

SQL CERTIFICATE

- HackerRank – CERT-LINK – OCT 2023