

Summary:

I am a Software Engineer with over 2 years of experience with a Bachelor of Computer Science Degree From Florida International University, specializing in full-stack development. My expertise encompasses a wide range of software development principles, languages, and tools. I have honed my skills in both design principles and advanced backend infrastructures through hands-on experience with technologies such as TypeScript's Angular framework and Java's Spring Framework. Additionally, I am proficient in database management using Microsoft SQL and PostgreSQL. My ability to quickly learn and adapt, combined with my organizational and team-building skills, consistently proves to be a valuable asset to any team.

Education:

**Florida International University:** Miami, FL  
Bachelor in Computer Science

2016 - 2021

Work Experience:

**Full-Stack Web Developer**  
**Strada - Remote Worker**

July 2024 - Present

- Currently working in a small team of 5 in charge of creating and maintaining data conversion tools utilized by hundreds of dedicated conversion specialists for Workday.
- Responsible for creating RESTful APIs with Java's Spring framework,
- Developed business logic and managed data from a Microsoft SQL Server configured in Azure all connected through Spring's JDBC and JPA solutions.
- Utilized multithreaded parallel processing and transaction management with Spring.
- Designed and implemented user interfaces with HTML, CSS, Javascript, Bootstrap 5 and JQuery.
- Responsible for the maintenance and development of an in-house data conversion tool utilizing Angular and TypeScript, supported by a Spring Boot backend to execute SQL scripts on substantial datasets. This tool is designed to facilitate data validation within the Workday infrastructure.
- Proficient in Microservice development and scalable infrastructure principles.

Skills:

- ❖ Java (5 years)
- ❖ Javascript (5 years)
- ❖ Git (5 years)
- ❖ ThreeJS (1 year)
- ❖ OpenGL(2 years)
- ❖ HTML (5 years)
- ❖ CSS (5 years)
- ❖ Typescript(4 years)
- ❖ Linux (5 years)
- ❖ PostgreSQL (3 years)
- ❖ SQL Server (3 years)
- ❖ Python(3 years)
- ❖ C# (3 years)
- ❖ C++ (2 years)

**Full-Stack Web Developer**  
**Alight Solutions - Remote Worker**

October 2021 - June 2024

- Advanced form creation with the goal of gathering user feedback and analytic information from the customer.
- Developed RESTful APIs for our in-house data management and conversion tool, enabling full CRUD functionality. Automated processes through scheduled jobs and integrated conditions based on leadership directives and developer-focused research.
- Developed custom tools for database management developers, including my first independently owned application, which safely executed SQL code across multiple client databases. Utilized Node.js, Electron, MSSQL, and related libraries, with a design based on modern front-end technologies.
- My main responsibility was to create APIs that integrated Microsoft SQL Server procedures to quickly and efficiently clean and fix customer data.

Frameworks:

- ❖ Spring Framework
- ❖ Angular
- ❖ Electron
- ❖ Bootstrap 5
- ❖ JQuery
- ❖ JavaFX

Projects:

- ❖ Proprietary Database Scripting Utility (NodeJs and Electron)
- ❖ Proprietary SQL server XML mapping tool utilized for data conversion(JavaFX)
- ❖ Personal Website and blog front-end (ThreeJS ,NodeJs and AngularJS)
- ❖ Personal blog backend (Golang, PostgreSQL)

Tool Certifications:

- ❖ Alteryx Designer Core  
Certified