**Jonathan Orellana | Commerce, GA**

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LinkedIn | Github | Portfolio

As an accomplished software engineer, I possess a proven track record of successfully automating business processes while functioning as a Systems Analyst for a Fortune 500 organization. My expertise lies in designing, developing, and implementing innovative software solutions that enhance overall productivity and efficiency. With a keen eye for detail and a commitment to excellence, I have consistently delivered results that exceed expectations.

**Experience**

**Norfolk Southern Corporation**
*Systems Analyst / Software Engineer (Sep 2021 - Present)*
- Rebuilt and modernized critical internal applications (time clock, ticketing system, check inventory, security console) using a full-stack approach (ASP.Net, MS SQL, React) to enhance functionality, streamline workflows, and improve user experience for various departments (Payroll, Miscellaneous Billing, System Administration).
- Automated quarterly SOX lease accounting survey using Microsoft PowerApps and SharePoint. I increased efficiency by eliminating manual form rebuilding and streamlining data collection and distribution.
- Automated daily SOX control process using RPA to reconcile inbound/outbound charges between our system and SAP, ensuring data integrity for KPMG audits.
- Automated data cleaning and report generation: Developed a Python application using Tkinter to streamline corporate accounting's quarterly reporting process. I scraped and cleaned data from Xnet sources with a user-friendly GUI, reducing manual effort and improving data quality.

*Business Analyst (Oct 2019 - Sep 2021)*

- I developed and implemented an automated ETL process using Alteryx and Python. This process was used to extract, clean, transform, and load remit data which amounted to $15 million daily from various sources like PDFs, emails, text documents, and CSV files into Teradata. This data was then matched with invoices in DB2 SQL tables, enabling the IT department to automate payment applications every two hours. This helped save approximately 75 hours every week.

*Revenue Account Analyst (May 2019 - Oct 2019)*

- I developed an Excel macro that automatically generated reports, saving each employee 30 minutes daily and 10 hours per day for the entire team.

**Education**

*Kennesaw State University (KSU)*
Bachelor of Business Administration in Finance.

**Technologies**

I have expertise in modern web development using JavaScript, TypeScript, React.js, Angular, HTML5, and CSS for front-end development. For server-side development, I am proficient in Python, Java, Node.js, C#, and ASP.NET. I am also skilled in database management using SQL, TSQL, Teradata, PostgreSQL, and MySQL. Moreover, I have experience in streamlining workflows and improving development processes using Bash, Automation Anywhere, Powershell, Docker, and Git. I am constantly enhancing my algorithmic problem-solving abilities.