

**Jonathan Orellana | Commerce, GA**  
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## Profile

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Highly skilled Software Engineer with a proven track record of success in automating business processes while functioning as a Systems Analyst at a Fortune 500 Company. Proven ability to design, develop, and implement innovative software solutions that improve efficiency and productivity.

## Experience

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### 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. 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. 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)*

- Developed and deployed an automated ETL process using Alteryx and Python to extract, clean, transform, and load remit data (15 million daily) from various sources (PDFs, emails, text documents, CSV files) into Teradata for matching with invoices in DB2 SQL tables, enabling the IT department to automate payment application (every two hours).

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

- Developed an Excel macro that automatically generated reports, saving each employee 30 minutes per day and a total of 10 hours per day for the entire team.

## Education

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*Kennesaw State University (KSU)*

Bachelor of Business Administration, Finance

## Technologies

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**Front-End Expertise:** Mastered modern web development with JavaScript, React.js, HTML5, and CSS, crafting user-friendly and interactive experiences.

**Back-End Powerhouse:** Adept in server-side development with Python, Java, Node.js, and .NET, handling data efficiently and securely.

**Database Savvy:** Fluent in SQL, Teradata, PostgreSQL, and MySQL, extracting insights and ensuring data integrity across platforms.

**Automation Champion:** Leverage Bash, Automation Anywhere, Powershell, Docker, and Git for streamlined workflows and efficient development processes. Also honing algorithmic problem-solving skills.