

## Jonathan Orellana

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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 Norfolk Southern Corporation. Imagine turning repetitive tasks into automated workflows, freeing your team to focus on high-impact work. That's the power I bring with my experience in designing, developing, and implementing software solutions.

### Experience

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#### Norfolk Southern Corporation

*Systems Analyst / Software Engineer (Sep 2021 - Present)*

- Empowered accounting team by automating daily tasks: Freed up over 100 hours per month by scripting daily tasks with PowerShell, Python, & SQL, enabling them to focus on high-impact strategic work.
- Modernized legacy applications: Transformed outdated .asp sites into accessible, user-friendly .NET & React web apps, boosting productivity across the board.
- Data-driven decision making: Leveraged PowerApps surveys on SharePoint to deliver actionable insights, empowering departments with data-backed strategies.
- Streamlined SOX reporting: Automated data entry, report generation, and verification using RPA bots. Saved 100 hours/month, freeing up employees for higher-value tasks. Managed project end-to-end.

*Business Analyst (Oct 2019 - Sep 2021)*

- Streamlined revenue accounting operations by 3 positions through the use of Spotfire dashboard technology and Alteryx, resulting in efficiency and saving the company \$150,000 annually.
- Leveraged expertise in Alteryx and Python to develop and deploy an application that automates ERP system payment matching, enabling efficient processing of \$15 million daily transactions.

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

- Successfully resolved \$1,000,000 in customer invoice objections by working with the Marketing and Credit Departments to clarify pricing, terms, and conditions.
- 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

### Tools and 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. Continuously expanding knowledge by exploring Rust programming language.

**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.