

# Juan Diego Meza-Vinasco

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## SKILLS

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**Programming Languages:** Python, TypeScript, Scala, Java, C#, Visual Basic for Applications, PostgreSQL  
**Frameworks/Libraries:** React, TailwindCSS, Astro, Gatsby, Bootstrap, Pandas, NumPy, Tornado, Cypress, Vitest  
**Developer Tools:** Git, BitBucket, Jira, Postman, Bruno, Copilot, AWS Cloud, Terraform, Datadog, Kafka, Splunk  
**Languages:** English, Spanish, German

## EXPERIENCE

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**JPMorgan Chase & Co.** | *Corporate and Investment Bank* June 2022 – Present  
*Associate Full Stack Software Engineer*

- Developing a new flagship PnL-centric web application utilizing Typescript and React for a sleek, modern user interface while also leveraging Python and AWS for key backend functionality and performance
- Onboarding new users as a primary point of contact for North America, reducing average onboarding durations by 21% while offering personalized support to resolve any user issues and guarantee accurate entitlements
- Maintaining and supporting a suite of 6 cutting-edge web applications serving critical Risk and Stress data to hundreds of traders, product controllers, and market risk analysts across all desks within 8 distinct lines of businesses through React and Python full-stack engineering on JPMorgan CIB's Risk Central team
- Leveraged Terraform, AWS, Kafka, Datadog, and Splunk to enhance monitoring and reliability of data pipelines tasked with processing 8TB of Risk, Stress, and PnL data daily
- Spearheaded development of a support ticketing web application that improved the way users submitted and resolved their issues, reducing response times by 70% and increasing overall user satisfaction by 88%
- Initiated the integration of 4 major backend API endpoints for 3 different applications with AWS as part of a platform-wide cloud migration initiative to improve reliability, performance, and cost-savings
- Upgraded 5 vital terraform modules for AWS products used throughout the Risk Central platform as part of internal technology compliance efforts, also refactoring certain application functionality to maintain compatibility

**Boeing Co.** | *Defense, Space & Security* Summer 2021  
*Data Analyst Intern*

- Initiated development and documentation efforts of 2 critical automation tools based on VBA-scripts tasked with generating and dispatching regional supplier reports, collectively saving regional teams about 36 hours monthly

## PROJECTS

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**Tartan Student Fund** | *Technology, Media, & Telecommunications* September 2020 - 2021  
*Portfolio Manager*

- Delivered research, coverage, and stock pitches as a Portfolio Manager for Carnegie Mellon's long-only premier student fund; leading teams of 4-6 students in both CD and TMT sectors to pass rates of pitches exceeding 80%

## EDUCATION

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**Carnegie Mellon University** May 2022  
*Bachelor of Science in Business Administration (Finance and Data Analytics Concentrations)*

*Minor in Game Design*

*Selected Coursework:*

Fundamentals of Programming and Computer Science, Business Systems Programming, Data Science for Finance, Machine Learning for Business Analytics, Discrete Mathematics, International Finance, Investment Analysis