Victor Matthews

Denver, Colorado victormmatthews@gmail.com (616) 970 0690 linkedin.com/in/victor-matthews-x victormmatthews.me

SUMMARY

I am a Senior Software Engineer who builds high-integrity pipelines and APIs that transform raw data into critical navigation content for pilots. Operating in a safety-critical domain, I ensure that the data informing aircraft guidance and terminal operations is correct and verifiable, treating reliability as a first-class citizen alongside system throughput.

EXPERIENCE

Senior Software Engineer

Jeppesen ForeFlight **November 2025 - Present, Englewood, CO (Remote)**

- Build and maintain high-integrity data pipelines and APIs that feed the ForeFlight EFB.
- Build and maintain React apps used for validating and maintaining aviation data across multiple domains and sources.
- Automated the labeling and deconfliction of airport maps, removing 75% of manual work across the airport library and powering Jeppesen Airport Moving Maps and ForeFlight.

Senior Software Engineer

Boeing | Aviation Data Solutions **May 2021 - November 2025, Englewood, CO (Remote)**

- Build and maintain high-integrity data pipelines and APIs that feed aviation products.
- Rebuilt a data extraction pipeline in Python + DataBricks, cutting delivery time over 100x compared to the previous process.
- Built the Angular configuration UIs that airline and business customers use to define and manage their data.

Software Engineer

Gordon Food Service | IT Warehouse Team **March 2016 - May 2021, Grand Rapids, MI**

- Built a warehouse management system as the subject-matter engineer for Inventory and Material Handling.
- Led the migration off legacy telnet-based devices onto a modern Angular application.
- Implemented the receiving, selection, inventory, and shipping modules that run the warehouse floor.

Asset Administrator

Gordon Food Service | North American Asset Management Team **May 2015 - March 2016, Grand Rapids, MI**

- Automated the purchase-order request system in JavaScript, including form-field validation to keep the data clean at the source.
- Recognized with a J&P Cup award for the automation work.

PROJECT

Communication Leader

Lakewood Fermentation Club • lakewoodfermentation.club

- Built an Angular app to manage and send out text messages to club members for events and newsletters. Using AWS, host the app with Amplify, secure login with Cognito, manage members with DynamoDB, send messages with Lambda through a Twilio integration.
- Maintain the clubs website, write monthly newsletters, handle communication through email and text to club members.
- Apart of the clubs leadership team, set up and run monthly meetings, quarterly challenges, and other club events.

EDUCATION

Bachelor of Science | Digital Media Software Engineering

Ferris State University • Grand Rapids, MI • 2017

SKILLS

Back End: Python, Java, SQL, C#

Front End: React, Angular, TypeScript, JavaScript, HTML, CSS

Misc: Git, DataBricks, Docker, Azure, AWS