

JORDAN MAX

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SUMMARY

Lead Software Engineer with expertise in architecting and delivering serverless, event-driven microservices using Node.js and AWS. Successfully developed a high-performance receipt validation suite, processing over 4 million uploads, enhancing fraud detection and customer engagement. Eager to leverage experience in scalable solutions and team leadership to drive innovation and efficiency in a dynamic engineering environment.

EXPERIENCE

Lead Software Engineer

August 2022 to August 2025

Feastables

Remote (Chicago, IL)

- As the sole backend developer at Feastables, I architected and delivered a serverless, event-driven microservices ecosystem using Node.js, AWS, and Serverless Framework, taking our receipt validation product suite from 0 to 1. I led the design and implementation of scalable, high-performance solutions, managed CI/CD pipelines, and collaborated with C-level executives and VP's to deliver customer-centric features for millions of users. My work drove efficiency, engagement, and data-driven marketing in a hyper-growth startup.
- Built Receipt Validation Suite: Designed a high-performance receipt validation and basket analysis service using predominantly AWS. Processed 4M+ receipt uploads across 200+ stores worldwide empowering sweepstakes, rebates, and loyalty programs. Saved millions across 20+ promotions by enabling fraud detection (99.9% accuracy), real-time admin dashboards for CX team members, and analytics for targeted marketing and product placement.
- Launched Viral Campaign: Pioneered the "World's Biggest Game of Rock Paper Scissors" from concept to launch in 3 weeks, scaling to 600K+ users and 1.5M games. The winner received \$50,000 and a guest spot in a MrBeast video, driving massive brand engagement.
- Transformed SMS Chatbot: Led the migration from a monolithic app to a serverless microservices architecture, coordinating with three external engineering teams for a seamless, scalable rollout.
- Technologies used: **Serverless Framework, NodeJS, AWS Lambda, DynamoDB, Kinesis, Textract, S3, SQS/SNS, Cognito, Cloudwatch, Appsync + more**

Senior Software Engineer

April 2021 to July 2022

FightCamp

Remote (Chicago, IL)

- Redesigned and developed highly scalable and performance driven solutions to address complex challenges presented by stakeholders. Took ownership over process, from ideation to implementation and on-going maintenance.
- Played a pivotal role in establishing industry leading Serverless standards and streamlined processes for our team of engineers. Data idempotency was a critical part of our Serverless

event driven pipelines, as we had several clients using our API's for varying different purposes. I was fortunate enough to have spearheaded this into our designs and implementations.

- Actively engaged in mentoring and guiding fellow engineers on my team, imparting best practices for Serverless and NodeJS development.
- Converted an existing monolithic application to Serverless based and event-driven microservice architecture (also converting REST API to GraphQL).
- Created new features that had direct impact on user experience and acquisition.
- Converted an existing MySQL database to Serverless DyanmoDB, without impacting user experience.
- Technologies used: **Serverless Framework, NodeJS, AWS Lambda, DynamoDB, Kinesis, S3, SQS/SNS, Cognito, Cloudwatch, Appsync**

Senior Software Engineer

Syngenta

July 2019 to April 2021

Chicago, IL

- In my role, I have actively built APIs utilizing the Serverless Framework, AWS Lambda functions, and ApiGateway. My projects required the construction of microservices specifically tailored to Extract, Transform, and Load (ETL) pipelines. These were integrated with external platforms including Salesforce, John Deere, and other in-house data sources.
- My responsibilities extended to involvement in key architectural decisions for multiple projects. I regularly proposed infrastructure design solutions to meet requirements from various stakeholders. This often involved taking abstract ideas and turning them into concrete, scalable solutions.
- Another significant part of my role was the creation of a private npm package UIKit using ReactJS. This UIKit package was developed to facilitate component sharing across different global teams and projects, aiming to boost efficiency and maintain consistency in our development work.
- On the user security front, I was responsible for setting up an authentication pipeline using AWS Cognito. This pipeline also integrated various federated identities for single sign-on (SSO), providing an added layer of security for our systems.
- In addition to this, I developed a notification system leveraging Twilio and AWS SES. This allowed for streamlined communication and ensured that all parties were kept up to date with the necessary information.
- To further automate our processes, I created a CircleCI ORB, which served to automate OpenAPI documentation for all our APIs. This significantly reduced manual work, while also ensuring our documentation was always current and accurate.
- Lastly, part of my work entailed developing database adaptors for different technologies, such as Neo4J, DynamoDB, and MySQL. This was carried out using NodeJS and Python.
- Technologies used: **Serverless Framework, NodeJS, AWS Lambda, DynamoDB, S3, SQS/SNS, Cognito, Cloudwatch + more**

Full Stack Software Engineer
FCB Chicago

July 2017 — July 2019
Chicago, IL

Full Stack & Mobile Engineer
Newser

June 2016 — June 2017
Chicago, IL

Full Stack & Mobile Engineer
NextCrew

Feb 2015 — May 2016
Glenview, IL

EDUCATION

Columbia College Chicago
BA, Mobile and Software Programming

May, 2015
3.5 GPA | Dean's List recipient

- Studied data structures, database design, mobile programming and web application development.
- Completed various projects such as: Sweets Complete (in both: PHP & ASP.NET MVC 5 using Entity Frameworks), Spark Help (ASP.NET MVC5 using Entity Frameworks), Hamstar (Unity3D, C#, Javascript), Procedural AI pathfinding node generation algorithm (C#)