

JORDAN MAX

github/jordmax12 | jordanmax.io | jordmax12@gmail.com

SUMMARY

Multi-disciplined software engineer specializing in scalable serverless AWS microservices, event driven architecture, and API based web applications.

EXPERIENCE

Senior Software Engineer

April 2021 to July 2022

FightCamp

Chicago, IL

- Created our synthetic testing standard for running tests on event driven data using jest and GitHub actions.
- Created a Serverless notification system using Apigateway and Websockets.
- Converted monolithic REST API to serverless microservices, event driven architecture and GraphQL.
- Established a pub/sub standard for our team using AWS Kinesis.
- Developed a DynamoDB adaptor deployed to a Lambda layer used by any services that communicate with DDB.
- Built a scalable serverless pipeline to convert data in an existing RDS mysql database to graphql/dynamodb.
- Created Cloudwatch dashboards to monitor and alert for issues within our serverless pipeline.
- Technologies used: **Serverless Framework, NodeJS, AWS (Lambda/Layers, Kinesis, DynamoDB, DynamoDB Streams, AppSync, ApiGateway, Websockets, S3, Cloudwatch Logs/Dashboards, RDS + more).**

Software Engineer

July 2019 to April 2021

Syngenta

Chicago, IL

- Built API's using the Serverless Framework, AWS Lambda functions and ApiGateway.
- Built microservices tailored to ETL pipelines from external integrations including: salesforce, john deere, and other in-house data sources.
- Involved with key architecture decisions for projects and regularly proposes infrastructure design solutions given requirements from stakeholders.
- Created a private npm package UIKit using ReactJS to share components across teams/projects.
- Created a Authentication pipeline using AWS Cognito and a number of federated identities for SSO.
- Created a notification system using Twilio and AWS SES.
- Created a circleci ORB to automate OpenAPI documentation for all of our API's.
- Developed database adaptors for technologies such as: Neo4J, DynamoDB, and MySQL using NodeJS and Python.
- Technologies used: **Serverless Framework, NodeJS, Python, Neo4J Graph DB, AWS SQS, SES, SNS, Lambda, DynamoDB, Cognito, Cloudwatch, Cloudfront, Cloudformation, Route 53, ApiGateway, RDS MySQL, OpenAPI + more.**

Full Stack Software Engineer

July 2017 — July 2019

FCB Chicago

Chicago, IL

- Tasked with learning new technologies to find innovative solutions to meet the needs of demanding clientele.
- Majority of work done in Linux, Express, Mongo/MySQL, Javascript stack.
- Created and maintains a flagship product being built using AI. Securely building the back-end encompassing a secure exposed API, third party API integration mini-services, admin portal and more.
- Interacts and negotiates with project managers, design, UX and tech leads; communicates how code changes may impact future releases and overall architecture.
- Regularly works well with new or unknown programming languages (or frameworks) while excelling at adapting quickly to the differences in syntax within tight deadlines.
- Technologies used: **GraphQL, NodeJS/Express, ES6 Javascript, ReactJS, KeystoneJS, Docker, AWS (ECS, EC2 Load Balancers, Route53, CodePipeline/CodeBuild, SES/SNS/SQS, CodeCommit, IAM, S3 and more), Alexa**

Full Stack & Mobile Engineer

June 2016 — June 2017

Newser

Chicago, IL

- **Singularly lead mobile development** for new iOS and Android apps using a mostly shared codebase
- Updated existing code while optimizing deficiencies and **improved performance by 50%**
- Generated revenue by implementing Facebook Ad Network and RevMob into the app which resulted in **\$20K annual revenue increase**
- Technologies used: **ASP.NET 4.6, MySQL, Web Forms, Xamarin Forms/iOS, Azure, TFS, jQuery, HTML5, CSS3, SQL Management Studio**

Full Stack & Mobile Engineer

Feb 2015 — May 2016

NextCrew

Glenview, IL

- Designed, developed and deployed hybrid iOS/Android app using the Cordova framework
- Lead a .NET project which communicated with **Quickbooks Online** endpoints to streamline our clients accounting needs
- Technologies used: **ASP.NET, Web Forms, Cordova, MySQL, TFS, RactiveJS, Semantic UI, Bootstrap, JIRA, Xcode 9**

EDUCATION

Columbia College Chicago

May, 2015

BA, Mobile and Software Programming

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#)