**Alex Urbini**

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**Summary**

Results-driven Full Stack Developer with expertise in multiple web stacks, including TypeScript, Python, AWS-Serverless, and React. Proven ability to build scalable backend services using AWS Lambda, API Gateway, and DynamoDB while designing efficient data models in MySQL and NoSQL. Passionate about collaborating with teams, providing valuable insights, and finding effective solutions to complex challenges.

**Languages:** Javascript, HTML5, CSS3, JSON, Bash, Typescript, C#, Dotnet5, Python3, SQL

**AWS Serverless:** AWS Lambda, API Gateway, DynamoDB, S3, CloudFormation, SNS, AWS-SAM, SQS, AWS-IAM

**Libraries/Frameworks:** React, MVC, Bootstrap, ReactNative, NodeJS, Express, Angular, NextJS

**Database:** MySQL, MongoDB, Access, PostGresQL, Firebase, DynamoDB

**Other:** Git, RestAPI, Socket.io, GraphQL, PostMan, Redux, React-ContextAPI, MaterializeUI, CloudflareAPI, GoogleAPI, AWS-WebServices, Heroku, Docker, RDS, Swagger, Jenkins

**Experience**

**Software Engineer** October 2022- Current

**Accenture Federal Services**  (IRS)  **Full-Time/Remote**

Work on a contract that provides full range of services for digitalizing forms into the cloud and providing a platform to view, update, and delete integrating 3rd party API’s

• Implemented complex features for editing, searching, and viewing various document types (JSON, PDF, XML, JPEG etc)

• Designed and maintained dynamic user management system with role-based access control:

• User Profiles

• Page access permissions

• Feature-level access control

• Custom feature per business organization users

• Developed and maintained Jenkins pipeline scripts using Groovy for multi-environment deployments in Amazon EKS

• Managed multiple microservices within a single deployment pipeline, showcasing experience with complex, multi-service architectures

• Led the team in migrating our Dynamo Data to a PostgresSQL database to manage all our user and configurations

• Leveraged AI tools to enhance development lifecycle efficiency

• Developed a full-stack web application using NEXTJS, integrating PostgresSQL database through Prism ORM for efficient data management and type-safe queries

• Designed and optimized database schemas, implemented migrations, and created RESTful API’s using NextJS API routes to interact with PostgresSQL

• Implemented server-side rendering (SSR) and static site generation (SSG) techniques in NextJS for optimal performance, while developing reusable React components for data display and form handling

**Software Engineer** October 2022-Current

**Accenture Federal Services**  (DOHS)  **Full-Time/Remote**

Work on a contract that provides an interface and connects user agencies to 3rd party web security features

• Developed and maintained full stack web applications using React, TypeScript, and AWS Serverless technologies, ensuring high-quality, performant, and scalable solutions.

• Implemented serverless backend solutions using AWS Serverless technologies such as AWS Lambda, API Gateway, and DynamoDB, leveraging TypeScript for efficient and robust development.

• Actively participated in the Agile development lifecycle, collaborating with cross-functional teams to gather requirements, plan sprints, and deliver iterative releases.

• Developed Python script tests to automate testing processes, increase efficiency, and maintain high code quality standards.

• Designed and implemented AWS Lambda Functions for backend processing, leveraging API Gateway, DynamoDB, and S3 for server less

architecture

• Utilized DynamoDB and S3 to design and implement efficient and scalable data storage solutions, ensuring data integrity and availability

**Web Developer** November 2021- October 2022

**Parent Party -** https://parentparty.com/  **Full-Time/Remote**

ParentParty.com is a website that allows candidates to register campaigns, and allows users to donate to the campaigns

• Developed and maintained a full stack web application using Angular and Bootstrap on the front end, and .NET Core on the backend, delivering a seamless and user-friendly experience.

• Utilized Angular and Bootstrap to create responsive and intuitive user interfaces, ensuring cross-browser compatibility and optimal performance.

• Implemented backend functionality using .NET Core, including RESTful APIs, data modeling, and business logic implementation.

• Configured and managed AWS RDS instances to store and manage application data, ensuring data integrity, scalability, and high availability.

**Web Developer Intern** May 2021- November 2021

**Woodstock Drop -** https://woodstockdrop.com/  **PartTime/Remote**

Woodstock Drop is a food delivery site that’s partnered with local restaurants and grocery stores

• Developed and maintained React based components, using MaterialUI, React HooksAPI and third party front end API and packages

• Implemented a robust back-end system using Node.js and GraphQL, seamlessly integrating with Toast, Google Maps, and Stripe APIs to provide efficient and secure functionalities such as payment processing, real-time tracking, and notification alerts.

• Implemented the front end to use stripe-payment API to send user payment data in order to process orders

• Collaborated with team members to review code, provide constructive feedback, and ensure adherence to coding standards and best practices.

**Education**

**Bootcamp Certificate: Columbia University, New York NY**

A 24-week intensive program focused on gaining technical programming skills in web development

**Bachelors of Science: University of Albany, Albany NY**

Business Administration: Concentration in Finance and Information TechnologyGPA: 3.7