John Butler
Software Developer
Monroe, New York
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Professional Summary

Highly driven Software Developer focused on AWS serverless development using TypeScript, JavaScript, and Python. I have experience with microservices and event-driven architectures on AWS with 5 certifications including the Professional DevOps certification, and strong proficiencies in full-stack development using React.

Technical Skills

Frontend Development: React, Redux, Salesforce Lightning Web Components, Tailwind CSS
Backend Development: AWS Serverless using Lambda, API Gateway and DynamoDB, Express
Databases: AWS DynamoDB, MongoDB, SQL
Languages: Python, JavaScript, TypeScript
AWS: Connect, Kendra, Lex, Lambda, API Gateway, S3, CloudFront, Kinesis, EventBridge
Infrastructure as Code: CloudFormation, AWS CDK, AWS SAM
Machine Learning: TensorFlow, Keras, scikit-learn, Pandas, NumPy

AWS Certifications - 5

- Professional – DevOps Engineer
- Associate – Solutions Architect, Developer, SysOps Administrator, Cloud Practitioner

Professional Experience

rockITdata   **01/2022 - Present**
AWS Developer
Remote
- Responsible for developing, architecting, and maintaining multiple client projects and our own SaaS product.
- Architected and developed Amazon Connect contact center solutions, including configuring call center routing, contact center agent interfaces, SalesForce integrations, AI-powered chatbots, and integrations with other AWS services.
- Development of SaaS product built around customer self-service using customer-facing websites, lambda-backed Lex chatbots, and Amazon Kendra, a machine learning-backed enterprise search service.
  - Architected and built customer-facing website using React and Redux. The website includes a chatbot and a search engine interface.
  - Architected and configured chatbots using lambda to communicate with other backend systems to enable customer self-service. Examples include allowing customers to authenticate their identity and perform banking services.
  - Configuring and tuning Amazon Kendra index and data sources to improve Kendra's search engine reliability.
- Mentor for the company's six-month rookie program. Trained program rookies on AWS, software development, and Amazon Connect. 75% of the rookies become AWS certified and started as business analysts and cloud consultants at rockITdata.

- Performed demonstrations of SaaS product to potential clients. Met with clients to discuss issues and plan future development efforts.

3Di Systems   **09/2021 – 12/2021**
Full Stack Developer
Remote
- Brought on to lead a migration project from on-premises to React and AWS. The project was canceled during the planning stages.

Harlingen Consolidated Independent School District   **09/2017 – 09/2021**
Special Education Paraprofessional
Harlingen, Texas
- Advocated for, taught, and supported special sducation students who needed more assistance to succeed in school
- Monitored student data to implement strategies to promote student growth.

Religious Order of Jehovah's Witnesses   **09/2021 – 12/2021**
Full-Time Volunteer
Wallkill, New York
- Full-time volunteer in support of the preaching work of Jehovah's Witnesses at the United States Branch Office working in the cleaning and security departments.

Project Experience

Coffee Service
AWS Event-Driven Serverless E-Commerce Project
- Built using NextJS and Redux for the client. AWS Amplify is used for authentication and deployment. AWS Lambda, Amazon API Gateway, and Amazon DynamoDB are used to create a serverless microservices backend. Each microservice is developed with TypeScript and NodeJS, deployed with AWS SAM, and communicates with the others using Amazon EventBridge. Payments are handled using Stripe.
- A coffee ordering app for small businesses. Users can order and purchase their orders online. The coffee shop can see purchased orders as they come in and fulfill the orders.

Education

Associate of Science - Biology   **Received: 09/2012**
South Texas College, McAllen, Texas

La Feria High School   **Received: 05/2011**
Salutatorian, La Feria, Texas