JEFFREY SMITH

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SOFTWARE DEVELOPER

An analytical and solution-oriented software/web developer with a strong foundation in building secure, high-performan ce applications. Experienced in both front-end and back-end development. Proven success in reducing deployment cycles. Skilled in driving cross-functional collaboration, mentoring teams, and aligning solutions with business objectives in DevOps-driven environments. Committed to scalable architecture, reusable code practices, and efficient cloud adoption.

PROFESSIONAL EXPERIENCE

Amazon

Software Developer   Apr 2023 - Mar 2025
- Contributed to developing scalable React applications integrated with Python and Java microservices on AWS (Lambda, ECS), improving operational tool performance and user experience.
- Designed and maintained backend APIs and serverless workflows using AWS services, including API Gateway, DynamoDB, Aurora, and S3, ensuring high availability and low-latency performance.
- Oversaw database architecture and optimization across SQL and NoSQL systems, increasing query performance and supporting real-time data analytics for business-critical tools.

Business Analyst   Jan 2022 - Apr 2023
- Developed and deployed React applications with Python and Java backends on AWS (Lambda, ECS, S3), streamlining internal tools for shift planning and workforce tracking.
- Restructured DynamoDB and Aurora schemas, enhancing data accessibility and reducing load times for key business intelligence dashboards.
- Migrated legacy reporting systems to a serverless framework, lowering infrastructure overhead and improving long-term maintainability.

Program Developer   Jun 2021 - Jan 2022
- Developed custom data tools using Django and Python, enabling warehouse managers to track and identify backlogs and rectify impediments, improving workflow.
- Created interactive React dashboards for real-time operational metrics, enhancing data-driven decision-making across management teams.
- Built serverless web applications with AWS Lambda and API Gateway, streamlining reporting processes and reducing manual dependencies.
- Automated performance data extraction and reporting with Redshift and DynamoDB, improving the speed and accuracy of daily reports.
- Collaborated with warehouse operations to refine data analytics tools using Python and AWS services, leading to quicker issue identification and resolution.

Data Analyst   Aug 2020 - Jun 2021
- Analyzed warehouse datasets using SQL and Redshift to identify inventory gaps, improving forecast accuracy and enabling better supply chain planning.
- Automated data aggregation workflows with Python, reducing manual reporting time and enhancing operational efficiency across multiple business units.
- Developed audit-support dashboards for SOX compliance, streamlining documentation processes and ensuring control accuracy.
- Improved real-time inventory tracking accuracy by diagnosing inefficiencies in data input systems and enhancing data flow across platforms.
- Built SQL-based operational tools for fulfillment leads, ensuring faster identification and resolution of stock discrepancies while maintaining data integrity.

EDUCATION

Associate of Science
Lone Star Community College
2011

CERTIFICATION

AWS: Certified Cloud Practitioner

AWS: Certified Solutions Architect

PROFESSIONAL SKILLS

Web Development: Full-stack development, Scalable and reusable code design, Responsive UI/UX implementation

Web Frameworks & Libraries: Django (Python-based web framework), React (JavaScript library for building UIs)

Cloud & Serverless Technologies (AWS): AWS Certified Cloud Practitioner, Serverless architecture design, AWS Lambda, Amazon API Gateway, Amazon S3, AWS IAM, AWS CloudFormation, AWS CDK (typescript), AWS CloudWatch, Amazon SNS, Amazon SQS, AWS Cognito, ECS (Elastic Container Service)

Relational Databases (SQL): Amazon Redshift, Amazon Aurora, PostgreSQL, MySQL, SQL query optimization, Database schema design and management

Non-relational Databases (NoSQL): Amazon DynamoDB, NoSQL schema modeling, High-availability database architecture

Programming Languages: Python

DevOps & Automation: CI/CD pipeline development using typescript AWS CDK scripts, Git/GitHub integrations, Infrastructure as Code (IaC), Automated data workflows, Monitoring and logging

Data & Analytics Tools: Data pipeline automation, Interactive dashboard development, Real-time metrics reporting, Compliance tracking tools (SOX)

Core Competencies: Team leadership, Project management, Cross-functional communication

Quality Assurance: Code optimization, Performance tuning, Unit testing, Integration testing, Debugging, Exception handling