FAHADH NAWAZ

 LinkedIn | +91 8433530391 | mfn011001@gmail.com | Portfolio

BRIEF SUMMARY_____

Hi, I am Fahadh Nawaz, a software engineer with 1.8 years of experience and an AWS Certified Solutions Architect - Associate certification. Proven expertise in **AWS Serverless architecture (S3, Lambda, Kinesis, DynamoDB, Bedrock)**, delivering high-impact solutions in **real-time data streaming, data lake management**, and **large-scale automation**. Combines strong backend skills (**Node.js, SQL**) with significant experience in **Configuration Management** and **large-scale data scripting**.

Experience _____

Software Engineer, CSG International

Key Skills: AWS (S3, Kinesis, CloudWatch, IAM) | Node.js | SQL | Postman | Configuration Management   **20 September 2024 - present**

- **AWS Data Lake Architecture & Security (S3/IAM):** Designed and implemented the technical architecture for an internal "environment copy" feature. Utilized **AWS S3** for secure data storage, configuring buckets, provisioning **IAM users**, and applying **S3 access policies** to manage environment backups.
- **Real-time Data Stream Triage (AWS Kinesis):** Proactively monitored and triaged real-time data ingestion streams via **AWS Kinesis**. Efficiently analyzed **JSON data** in the S3 data lake to diagnose and resolve critical system issues related to orders and pricing.
- **System Monitoring & Optimization (CloudWatch/Kibana):** Leveraged **AWS CloudWatch** and **Kibana** for deep-dive log analysis, pattern identification, and performance monitoring, resulting in a significant reduction in mean time to resolution for system anomalies.
- **Large-Scale Automation & Migration:** Executed technical leadership for a **mass agent migration project**, developing a script to process and accurately identify relevant agents for over **150,000 customers**, ensuring service continuity.
- **Bulk Data Processing & Compliance:** Ensured billing compliance by executing **bulk Postman operations** to process and apply tax exemption status for approximately **50,000 customers**.
- **Configuration Automation & Efficiency:** Developed automated procedures for replicating critical configurations, including **streamlining security role replication** and expediting the transfer of unsupported configurations via JSON file manipulation, significantly reducing manual effort.
- **Strategic Research & Technical Documentation:** Supported major product initiatives (new promotions/service bundle mergers) by conducting intensive technical research, **documenting requirements**, and compiling detailed analyses of implementation approaches (pros and cons) to inform final product strategy.
- **Multi-Environment Setup & Validation:** Oversaw the **end-to-end setup and validation** of multiple environment tiers (Staging, Sandbox, Production) for various business units, ensuring environment parity and testing core customer care functionalities.
- **Data Retrieval & Scripting for Operations:** Developed complex **SQL queries** for transaction and usage data analysis. Created **JavaScript scripts** and utilized Postman to automate repetitive configuration and testing tasks, enhancing workflow efficiency.

Software Engineer Intern, CSG International

Key Skills: Node.js | C# | Javascript | Postman | Excel   **20 March 2024 - 20 September 2024**

- Gained foundational experience in team collaboration and company operations.
- Developed proficiency in Node.js and JavaScript, crafting scripts to automate various tasks.
- Utilized Postman to effectively interact with APIs and execute diverse functionalities.
- Demonstrated data analysis skills by populating and cleaning Excel datasets, and identifying trends and insights through Excel functions.

Education _____

SIES Graduate School of Technology   **2020 - 2024**
B.E. - Computer Engineering | 8.65 / 10 cgpas

Dy patil polytechnic   **2021**
Diploma | Diploma - Information Technology - Information Technology | MSBTE | Percentage: 91.88 / 100.00

Projects_____

AI resume scorer [Link]
Key Skills: S3 | Lambda | API Gateway | Bedrock | Textract | DynamoDB | Amplify | Generative AI | JavaScript | Event-Driven Design
Designed and implemented a full serverless, event-driven AI application on AWS, utilizing S3, Lambda, Textract, and Amazon Bedrock (Claude 3 Haiku) to process PDF resumes, score them against job descriptions, and generate actionable feedback.

Activity Tracker for Visual Studio Code [Link]
Key Skills: TypeScript | JavaScript | Node.js | Git | Data Visualization
Developed a VS Code extension that tracks and logs user activity and time spent on programming languages to a GitHub repository, organized by year, month, date, and time. This open-source tool helps monitor coding habits, demonstrate dedication, and enhance productivity.

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Skills

AWS | S3 | Lambda | API Gateway | Bedrock | Textract | DynamoDB | Kinesis | Amplify | Terraform | EC2 | Java | MongoDB | Node.js | Express.js | React.js | React Native | Figma | TypeScript | JavaScript | Data Structures | Algorithms | HTML | CSS | Sass | Pl/Sql | SQL | Oracle Database | MySQL | C# | Postman | Git | AWS | Data Analysis | Configuration Management

Certifications

- AWS Solution Architect Associate **[Link]**
- .React - The Complete Guide (incl Hooks, React Router, Redux) **[Link]**
- Node.js, Express, MongoDB & More: The Complete Boot Camp 2023) **[Link]**
- The MERN Fullstack Guide - React, NodeJS, Express & MongoDB **[Link]**
- React Native - The Practical Guide [2023] **[Link]**