ARJUN SHARMA

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PROFESSIONAL SUMMARY

Experienced Software Engineer with 6+ years in the IT industry, specializing in **Node.js, TypeScript, AWS cloud services, and Databricks**. Proven experience in building scalable backend systems, developing data pipelines, and optimizing cloud-native applications. Adept at microservices architecture, CI/CD, and distributed data processing. Strong problem-solving abilities and a passion for cloud automation.

SKILLS

Programming & Backend

- Node.js, TypeScript, JavaScript

- Express.js, NestJS

- Python (basic)

Cloud (AWS)

- AWS Lambda

- API Gateway

- S3, EC2, SNS/SQS

- DynamoDB, RDS

- CloudWatch, IAM, Step Functions

Data Engineering

- Databricks (PySpark, Delta Lake)

- Apache Spark

- ETL Pipeline Development

- Data Lakehouse Architecture

DevOps & Tools

- Docker, Jenkins, GitHub Actions

- Terraform (basic)

- Postman, Swagger

- Kafka (basic)

Databases

- DynamoDB

- PostgreSQL

- MongoDB

PROFESSIONAL EXPERIENCE

Senior Backend Engineer — CloudNova Technologies, Pune

June 2021 – Present

- Designed and built serverless applications using **AWS Lambda + API Gateway** with Node.js and TypeScript.

- Created scalable ETL pipelines in **Databricks** using PySpark for processing 2 TB+ daily data.

- Migrated legacy data workflows to **Delta Lake**, improving reliability and reducing cost by 25%.

- Developed microservices architecture with event-driven patterns using **SQS & SNS**.

- Implemented CI/CD using GitHub Actions and AWS CodePipeline.

- Collaborated with data science teams for ML model integrations.

Backend Engineer — NexaSoft Solutions, Bangalore

July 2019 – May 2021

- Developed REST APIs using **Node.js (Express, NestJS)**.

- Implemented authentication & authorization using JWT and AWS Cognito.

- Built data ingestion pipelines using Spark on Databricks.

- Integrated AWS services (S3, DynamoDB, Lambda) for backend workflows.

- Participated in sprint planning, requirement analysis, and code reviews.

Software Developer — InfoWave IT, Hyderabad

June 2017 – June 2019

- Developed backend modules using Node.js & JavaScript.

- Implemented ETL scripts for data transformation using Python + Spark.

- Worked with teams to deploy applications on AWS EC2 & Docker.

- Improved system performance through API optimization and caching.

EDUCATION

B.Tech in Information Technology
JNTU Hyderabad — **2013–2017**

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**

- **Databricks Certified Data Engineer Associate**

- **Node.js Developer Certification (OpenJS Foundation)**

PROJECTS

Real-Time Data Processing Pipeline

- Built end-to-end pipeline in Databricks to ingest streaming data.

- Used Delta Lake for ACID transactions and time-travel queries.

Serverless Order Management System

- Developed microservices using AWS Lambda, API Gateway, DynamoDB.

- Added retry, DLQ handling using SQS.

Cloud Cost Optimization Dashboard

- Automated AWS billing insights using Lambda + CloudWatch + S3.

HOBBIES

- Data engineering experiments
- Football
- Online courses
- Trekking & outdoor activities