

ISHAAN SHARMA

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SUMMARY

AWS-certified professional with hands-on experience in cloud infrastructure automation and management using YAML, HCL, and Python. Quick learner seeking to contribute to cloud-driven projects in a collaborative environment.

EDUCATION

Bachelor's:	Georgia State University	August 2019 – December 2022
High School:	Gwinnett School of Mathematics, Science, and Technology	August 2015 – May 2019

WORK EXPERIENCE

Cloud Engineer PINS Consulting LLC	February 2024 - Present
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- Automated VPC creation using CloudFormation, customizing NACLs, Security groups, and NAT Gateways, reducing infrastructure deployment times by at least 40%
- Designed serverless architecture using Terraform to deploy AWS Lambda functions to store S3 object metadata in DynamoDB and notify an admin in real-time of any new objects via SNS
- Automated EC2 deployment of MSSQL databases and Wildfly servers using a custom AMI and standalone EBS volumes for reliable and cost-optimized deployments
- Implemented CI/CD pipelines using GitHub Actions, automating Terraform commands and generating artifacts for enhanced debugging, resulting in faster release cycles
- Utilized AWS SDK for Java to automate S3 operations such as bucket emptying, multipart uploads, and object downloading
- Developed a Java automation tool for generating updated monthly invoices for the billing team, reducing processing time to a few seconds
- Automated deletion of obsolete MSSQL records via scheduled SQL queries through SQL agent
- Developed a Selenium Python stress testing tool to simulate high traffic by inputting multiple dummy records from a few minutes to ~20 seconds

Medical Assistant St. Joseph's Pediatrics	October 2022 – January 2024
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- Addressed parent and patient concerns about vaccinations, bloodwork, and appointments
- Coordinated with various insurances to resolve insurance issues and referrals
- Coordinated with labs to get patient medical samples analyzed
- Updated patient medical information in GRITS database and MDSuite EHR

CERTIFICATES

• AWS Certified AI Practitioner	February 2025
• AWS Certified Solutions Architect - Associate	February 2025
• AWS Certified Developer – Associate	December 2024
• Oracle Certified Associate, Java SE 8 Programmer	September 2024
• Java Certified Foundations Associate	May 2024

TECHNICAL SKILLS

- AWS Core Services
- IaC thru CloudFormation and Terraform
- Java, Python, and YAML
- Linux
- Collaborative and Ability to pick up new skills