

# ISHAAN SHARMA

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## SUMMARY

AWS-certified professional with hands-on experience in cloud infrastructure automation and management using YAML, Java, 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

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## WORK EXPERIENCE

<b>Cloud Engineer</b>   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%
- Built serverless architecture using Terraform to deploy Lambda functions to store S3 object metadata in DynamoDB and publish notifications to an SNS topic
- Automated EC2 deployment of MSSQL databases and Wildfly servers using a custom AMI and standalone EBS volumes for reliable and cost-optimized deployments
- Utilized AWS SDK for Java to automate S3 operations such as bucket emptying, multipart uploads, and object downloading
- Implemented CI/CD pipelines through CodePipeline and GitHub for automatic testing and deployments of code changes
- 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

<b>Medical Assistant</b>   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

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## CERTIFICATES

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| • 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       |

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## TECHNICAL SKILLS

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