

Mansi Garad

Software Engineer with 2+ years of AWS experience, skilled in Python, automation, and API management. Strong in problem-solving and customer support.

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WORK EXPERIENCE

TCS

Associate System Engineer

Aug 2022 - Present

- Cloud Application Development: Created cloud-based applications utilizing various AWS services, including Lambda, DynamoDB, API Gateway, CloudWatch, S3, IAM, VPC, and CloudFormation.
- API Design & Maintenance: Designed, implemented, and maintained RESTful APIs using AWS API Gateway.
- Serverless Architecture: Implemented a serverless architecture leveraging AWS API Gateway, Lambda, and DynamoDB. Created and configured Lambda deployment functions to handle events from S3.
- API Testing: Conducted comprehensive API testing using Postman.
- Automation: Developed custom shell scripts to automate repetitive tasks and streamline AWS API deployment processes.
- API Development: Engaged in extensive API development using AWS API Gateway.

PROJECT

AWS Serverless CI/CD Website (Front end & Back End)

- Technologies Utilized: AWS S3, Route53, CloudFront, API Gateway, Lambda, DynamoDB, CloudFormation, git, Github, Github Actions, Python (Boto3), HTML, CSS, JavaScript.
- Launched serverless S3 hosted static website with integrated CI/CD pipeline for front and back end code.
- Automated back end infrastructure creation using AWS SAM and Github Actions.
- Leveraged Python Boto3 and Lambda to automate & serve changes to/from DynamoDB using API Gateway.

Cloud Uploader CLI Using Bash Scripting

- A tool that empowers users to efficiently transfer files to their chosen cloud storage(S3).
- Technologies utilized : AWS S3, Bash Scripting, AWS IAM.
- Setup AWS account & did Authentication for AWS S3 Bucket.
- Created the S3 Bucket and Configure Permissions.
- Created the Script file with executable Permission.

SKILLS

- Cloud platforms: AWS
- Operating System: Linux (ubuntu)
- Programming/Scripting: Python, & Bash
- CI/CD: GitHub, Jenkins, AWS CodePipeline
- IAC: CloudFormation, Terraform
- Serverless Technology: AWS Lambda, AWS ECS, Docker, DynamoDB
- Networking: g IP addressing, subnetting, DNS, and routing.
- Version Control Systems: Experienced with Git, GitHub, and SVN.
- Database: SQL and NoSQL databases, including MySQL and MongoDB.
- Tools: Postman, VS code

Certifications

- AWS Certified Cloud Practitioner

EDUCATION

G.H. Raison College of Engineering and Management,Pune

B Tech in Computer Engineering - 8.54 GPA

2018 - 2022