* **Malini Agrawal**
* **Palmer Street ￨ Milpitas, CA 95035 ￨** [abcmalini@gmail.com](mailto:abcmalini@gmail.com) |
* Summary:
* Highly motivated and passion for cloud computing to develop innovative cloud solutions., AWS Solution Architect-Associate with certification and expertise in cloud infrastructure, security, and compliance. Seeking a challenging position in a reputable organization to utilize my skills and knowledge to develop innovative cloud solutions. Seeking to utilize skills and knowledge gained from certification to secure a Cloud Architect position.
* Certifications:
* Udemy Python Developer Course March 10, 2023
* AWS Certified Developer – Associate Jan 10, 2023 Registration number -[439180871]
* AWS Certified Solutions Architect -Associate May 17, 2022, Registration number-[ 420978275]
* AWS Certified Cloud Practitioner Oct 29, 2021, Registration number- [408396905]
* Technical Skills:
* AWS Services: EC2, S3, RDS, Lambda, VPC, IAM, CloudFormation, CloudTrail, CloudWatch, etc.
* Operating Systems: Windows, Linux, WSL2.
* Databases: MySQL, DynamoDB
* Languages: Python, AWS SDK Boto3 Lib.
* Networking: TCP/IP, DNS, DHCP, VPN, NAT, OSI Model
* Security: Encryption, SSL, SSH, Firewall, Security Groups
* Experience:
* Completed various projects and hands-on labs on AWS to gain practical knowledge and experience.
* Project 1:
* Deployed a web application using EC2, RDS, and S3
* Configured IAM roles and policies for secure access.
* Implemented CloudWatch alarms and CloudTrail logging for monitoring and auditing.
* Project 2:
* Created a highly available and fault-tolerant architecture using Auto Scaling and Elastic Load Balancing
* Configured VPC with private and public subnets.
* Used CloudFormation for infrastructure as code.
* Project 3:
* Set up a disaster recovery solution using AWS Backup and AWS Disaster Recovery
* Implemented security controls using Security Groups, NACLs, and SSL encryption.
* Monitored and managed resources using CloudWatch and CloudTrail
* Protecting Amazon FSx for Luster using AWS Backup.
* Project 4:
* Multi-container Application Deployment with AWS ECS.
* Created S3 Bucket website using AWS SDK
* References:
* Available upon request.
* **Professional Synopsis**
* Ability to develop AWS EAC (environments as code)
* Familiar with Automation/IAC (infrastructure As Code) CloudFormation,
* Organizations, Account Design, VPC, Subnet, segmentation strategies
* Backup and Disaster Recovery approach and design
* Environment and application automation
* Network connectivity, Direct Connect and VPN
* AWS Cost Management and Optimization
* Create and mount an Amazon EFS file system using Amazon EC2 Launch instance Wizard.
* Set up a CI/CD pipeline on AWS
* Deploy a container Web App on Amazon ECS.
* Migrate from a Git Repository to AWS.
* Protecting Amazon FSx for Luster Using AWS Backup.( AWS Backup protects FSx file system for other protocols such as Windows, OpenZFS, and NetAPP)
* Education:
* **Master of Commerce** (Business Management Emphasis)Devi Ahilya University INDIA (June-July 1998)
* **Bachelor of Commerce** (Business Administration Emphasis)Devi Ahilya University India (JUNE-July 1996)