

Raji Jain

Cloud Engineer

AWS Certified cloud practitioner | Diploma in Database & Development | Certificate IV in Information Technology

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CAREER PROFILE

I am IT graduate who has knowledge, skills and effectively demonstrated an overall understanding of the AWS cloud at [AWS re/Start](#) program. I have experience in implementing the following.

- Deployed web server in AWS following best practices principles, using EC2, RDS or Aurora, EFS, S3, Lambda, SNS
- Creating and securely implementing VPC utilizing Subnets, Security Groups, NACL and Route Table.
- Creating security groups, IAM user & roles and resource policy.
- Serverless Application Design (API Gateway, Lambda, DynamoDB, Step Function, SQS, and SNS)

MAJOR PROJECTS

Deployed 3 Tier Web Application in AWS

Started with static web page in S3 to 3 tier (Front End, App, DB) web application.

- Evolving a static web page in S3, to highly available 3 tier App using Amazon EC2 and using Auto-Scaling groups with an Application Load Balancer
- Initially installed database in webserver then migrated it to RDS
- Migrated static assets to EFS and S3.
- Set up failover routing using Route 53.
- Used ACM for SSL certificate to implement secure end to end connection.

AWS Resume Website Challenge

Serverless CI/CD website using multiple AWS Services.

- Static single page website hosted in S3 bucket served via CloudFront and secured by using OAI to restrict access via CloudFront only.
- SSL certificate from ACM to secure communication between client and CloudFront and Route53 record set to redirect to URL.
- JavaScript in the web page makes an API call to the backend API Gateway for the site counter.
- A REST API created using API Gateway which triggers Lambda Function written in Python (Boto3) to update the atomic counter and stores other information in DynamoDB.
- Provisioned back-end infrastructure automated way using Terraform.
- Configured CI/CD using GitHub Actions to update resources on code commit.

PROFESSIONAL EXPERIENCE

Woolworths Pty Ltd, Sydney — Team Member

MAR 2018 - Current

- Ensuring pricing accuracy to the customers
- Effective interpersonal, communication and customer service skills
- Ability to work independently, effectively manage time and multitask in a fast-paced environment
- Self-motivated, with a high attention to detail, quality, and presentation
- Skills to communicate effectively with co-workers and customers

CERTIFICATES

AWS Certified Cloud Practitioner - Amazon Web Services

Issued Jan 2022 - Expires Jul 2024

EDUCATION

Technical and Further Education (TAFE), Sydney

Diploma in Database and Development - 2021

Technical and Further Education (TAFE), Sydney

Certificate IV (Information Technology) - 2021

The Maharaja Sayajirao University of Baroda, Vadodara-India

Bachelor of Engineering - Aug 2002 to April 2006

SKILLS

- Amazon Web Services (AWS)
- SQL
- Git
- Bash
- Linux
- Python
- CI/CD
- HTML / CSS
- Logging and Troubleshooting