

Shashiranjn singh

AWS Certified Solutions Architect – Associate

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SUMMARY

AWS Certified Solutions Architect – Associate with hands-on experience designing and deploying secure, scalable, and cost-efficient cloud-native applications on AWS. Skilled in infrastructure automation, serverless solutions, and full-stack development using industry best practices.

PROJECTS

- **AWSphere – Full-Stack Blogging Platform (Deployed 100% on AWS)**

Tech Stack: AWS (EC2, S3, DocumentDB, Auto Scaling, Route 53, CloudWatch, IAM, ACM, SSM), Node.js, Express.js, EJS.

Designed an architect and deployed a secure, scalable full-stack blog application on AWS using a fully managed 3-tier architecture . Implemented frontend rendering with EJS and backend API logic using Node.js and Express.js.

Configured E C2 Auto Scaling Groups with Load Balancer to ensure high availability and fault tolerance . Utilized Amazon S3 for scalable image storage and static assets; integrated Amazon DocumentDB for NoSQL blog data persistence.

Secured resources using IAM roles and policies, ACM for SSL certificates, and custom domain setup via Route 53.

Enabled application observability with Amazon CloudWatch and stored sensitive environment data in SSM Parameter Store . Delivered end-to-end user features including registration, login, blog posting with image uploads, and user profile management.

02/2025

- **Serverless Static Website Deployment on AWS**

Tech Stack: Amazon S3, CloudFront, ACM, Route 53

Designed and deployed a fully serverless, globally distributed static website using core AWS services.

Hosted static frontend assets on Amazon S3, enabling scalable and durable storage.Integrated Amazon CloudFront as a Content Delivery Network (CDN) for low-latency global access and caching.

Secured the site with SSL/TLS certificates from AWS Certificate Manager (ACM) to support HTTPS.

Managed custom domain routing and DNS configuration using Amazon Route 53.

Achieved a zero-maintenance infrastructure ideal for portfolios, product landing pages, or frontend web apps.

03/2025

EDUCATION

- Computer Science & Engineering**

Lovely Professional University - Bachelor of Technology

08/2024 - 07/2028

CERTIFICATES

- **AWS Certified Solutions Architect**

03/2025 - 03/2028

SKILLS

- **Cloud Platforms:** AWS (40+ core services including EC2, S3, IAM and more)

• **Cloud Architecture:** 3-tier, serverless, migration,security & AI

• **DevOps & Automation:** CI/CD, GitHub Actions, Shell scripting, AWS CLI

• **Programming:** Python, C++, MySQL, PostgreSQL

• **Web Development:** Node.js, Express.js, EJS

• **IaC:** CloudFormation, basics of Terraform
- ## LANGUAGE
- English

Fluent

Hindi

Native
- ## SOFT SKILLS
- **Team Collaboration** – Works effectively with developers, DevOps, and cross-functional teams.

• **Adaptability** – Quickly learns new cloud tools and adjusts to evolving project scopes.
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