Priyamvada Iyengar Associate Solutions Architect

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PROFILE SUMMARY

- **Associate Solutions Architect** with **4 years** in software, the last 2 designing **AWS solutions** for **logistics and retail clients** of an IT services firm, mostly moves off **on-premise .NET applications**.
- Hands-on with **cloud** (**AWS**), **integration** (**Amazon EventBridge**, **REST APIs**), **data** (**Amazon Aurora PostgreSQL**) and **IaC** (**Terraform**), certified as **AWS Certified Solutions Architect - Associate**.
- Strongest in **requirements workshops**, **high-level designs** and **hosting cost estimates**, following the **AWS Well-Architected Framework** so client designs come back with fewer rework requests.
- Works with **pre-sales leads**, **delivery managers** and **client IT teams** in the UK and Germany, from the first workshop to design sign-off.
- Keeps the account's **design template and ADR log** current and runs **weekly AWS study sessions** for 6 developers on the delivery team.

TECHNICAL SKILLS

Cloud Platforms:	AWS, Amazon EC2, Amazon ECS, AWS Lambda
Integration & APIs:	REST APIs, Amazon EventBridge, Amazon SQS, OpenAPI
Data Platforms:	Amazon Aurora PostgreSQL, Amazon DynamoDB, Amazon S3, Microsoft SQL Server
Security & Identity:	AWS IAM, AWS KMS, Amazon Cognito, OAuth 2.0, UK GDPR
IaC & Containers:	Terraform, Docker, GitHub Actions
Architecture Methods & Tools:	AWS Well-Architected Framework, C4 model, Architecture Decision Records, draw.io, AWS Pricing Calculator
Certifications:	AWS Certified Solutions Architect - Associate

EDUCATION

International Institute of Information Technology, Hyderabad — **B.Tech. in Computer Science** — Hyderabad, India · Jul 2018 to May 2022

Amazon Web Services — **AWS Certified Solutions Architect - Associate** — Remote · Mar 2025

WORK EXPERIENCE

HCLTech — **Associate Solutions Architect** — Hyderabad, India · Jul 2024 to Present

- Ran **11** requirements workshops with a UK parcel carrier's operations and IT teams, then wrote the signed high-level design for moving its tracking portal from on-premise .NET to AWS.
- Designed the portal's AWS hosting on Amazon ECS and Aurora PostgreSQL across 2 Availability Zones, with KMS encryption and data kept in the London Region, and it cleared the client's security review with **0** open findings.
- Replaced hourly SFTP drops from 3 depot systems with Amazon EventBridge events and REST APIs, so parcel scans now reach the portal in under **30 seconds**.
- Wrote the architecture and cost sections of 4 bids with the pre-sales lead, pricing 3 hosting options in the AWS Pricing Calculator, and the winning design runs **22%** below the old hosting contract.
- Reviewed the build team's work against the design in weekly architecture check-ins, logged **17** design changes as ADRs, and the portal went live on the planned date.

Zoho — **Software Engineer** — Chennai, India · Jul 2022 to Jun 2024

- Built Java REST services for shipping integrations in an inventory product, connecting **8** courier APIs used by small online sellers.
- Cut a nightly stock sync job from 3 hours to **25 minutes** by switching it to incremental updates in PostgreSQL.
- Wrote design notes for **2** new integrations and walked customers through them on support calls, the first step toward an architect role.