TANMAY JHUNJHUNWALA

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PROFESSIONAL SUMMARY

AWS-Certified Solutions Architect and Cloud Engineer with a proven record of delivering secure, cost-optimized AWS workloads. Deploys containerized microservices and serverless architectures (EKS, Lambda, API Gateway) defined in CloudFormation / Terraform for production e-commerce and AI platforms. Designs fault-tolerant, highly scalable systems aligned to the AWS Well-Architected Framework, implements zero-trust, least-privilege IAM, and drives continuous optimization through real-time observability and cost-governance analytics. Expanding expertise in generative-AI workflows with AWS Bedrock and LangChain.

SKILLS / CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate (SAA-C03)**, AWS Certified Cloud Practitioner (CLF-C02).
- **AWS & Cloud Services** - EC2, EKS / ECS / Fargate, Lambda + API Gateway, DynamoDB / Aurora PostgreSQL / Redis, S3, Cognito, CloudFront, Route 53, VPC, Least-Privilege IAM, KMS, CloudFormation, CloudWatch / CloudTrail / Cost Explorer, WAF & Shield.
- **DevOps & AI Toolkit** - Terraform, AWS CDK, Docker / Compose, Kubernetes, Helm, GitHub Actions / Jenkins, GitLab CI/CD, YAML / Bash / PowerShell, Prometheus, Grafana, OpenTelemetry, AWS X-Ray, ELK / OpenSearch, Datadog, TypeScript, Python, REST / GraphQL, WebSockets / Webhooks, MongoDB, LangChain, LangGraph, AWS Bedrock Agents, OpenAI API, Vector DBs (Pinecone, FAISS), RAG Pipelines, Prompt Engineering.
- **Security, Collaboration & Delivery** - Zero-Trust Architecture, Secrets Manager, Security Groups, OAuth 2.0 / JWT, Git / GitHub, Jira, Confluence, Slack, Agile / Scrum, Incident Troubleshooting, Stakeholder Management, Problem-solving & Critical Thinking, Cost-conscious Decision-Making, Project Management, Leadership.

WORK EXPERIENCE

Bell Canada – Business Sales Consultant, Toronto, CA   Oct 2024 – Present
- Exceeded 120% of monthly quota by architecting bespoke, multi-service connectivity portfolios to each client's ROI objectives.
- Leveraged TCO and usage-projection analyses to right-size solutions, elevating ARPU by 30%.
- Mentored onboarding consultants through structured solution-architecture playbooks and cost-benefit frameworks.

Best Buy Canada – Product Process Specialist, Toronto, CA   Oct 2023 – Oct 2024
- Oversaw high-volume inventory, streamlined cross-department workflows, and sustained 100% stock accuracy while enforcing security controls for high-value assets; earned the Shrink-Prevention Excellence Reward.
- Steered Blueprint Team leadership, turning frontline feedback into process improvements that cut stock put-away time by 25% and lifted employee-engagement scores by 15%.

Yarn Trading – Self Employed Broker and Consultant, Mumbai, IN   Jan 2021 – Aug 2023
- Brokered ~US $29 M in annual contracts (60% repeat-clients / 40% new-clients) by applying real-time price analytics and inventory forecasts to optimize trade timing and safeguard margins.
- Developed a mobile, real-time order-tracking dashboard that automated confirmations and shortened settlement cycles by 40%, strengthening process automation, data governance, and cost control.

Wipro Technologies – AWS Cloud Associate – Project Engineer, Bengaluru, IN   Oct 2019 – Dec 2020
- Delivered a zero-downtime migration of legacy RMS systems to AWS (S3, RDS PostgreSQL, EC2, EKS) as part of 60-engineer program, implementing least-privilege IAM roles and VPC security-group controls.
- Containerized 20 + services with Docker, Kubernetes manifests, and AWS CloudFormation, automated blue-green deployments via AWS CodeDeploy and CLI scripts, providing repeatable, scalable release pipelines.
- Built Terraform / CloudFormation modules and CloudWatch alarms that cut environment spin-up time by 70%.

PROJECTS

AWS Cost-Saver Bot (FinOps + Agentic AI) - LangChain & Bedrock Agents flag idle EC2 / EBS / S3 and post Slack actions   Jul 2025
- Dockerised Lambda orchestrated via CDK + Step Functions, saving 12% monthly spend in sandbox account.
- Pinecone vector memory learns suppression history, reducing false-positive rate to 3%.

E-com platform on EKS – Node/TypeScript microservices on EKS (ALB), DynamoDB + Cognito, CloudFront   Apr 2025
- Terraform + Helm + GitHub Actions enable blue-green, zero-touch releases under 10 min.
- CloudFront caching + WAF rules trim latency 45% and block OWASP Top 10 probes in soak tests.

EDUCATION

- George Brown College, **Cloud Computing Technologies** | Toronto, CA   May 2024 – Apr 2025
- Conestoga College, **Project Management** | Kitchener, CA   Sep 2023 – Apr 2024
- Vellore Institute of Technology, **Mechanical Engineering** | Vellore, IN   May 2014 – Apr 2019