

# TANMAY JHUNJHUNWALA

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## PROFESSIONAL SUMMARY

AWS-Certified Solutions Architect, DevOps and Cloud Engineer with 5 years of hands-on delivery across enterprise cloud migration, telecom, retail, and commodity trading. Proven record of boosting revenue, accelerating delivery, and trimming cloud OpEx through secure, cost-optimized AWS solutions and automated CI/CD pipelines. Specializes in containerized microservices on EKS, serverless patterns with Lambda & API Gateway, and IaC automation (Terraform / CloudFormation) secured by zero-trust IAM. Actively expanding expertise in Agentic-AI workflows with AWS Bedrock and LangChain.

## SKILLS/CERTIFICATIONS

- **AWS Core** – Aurora PostgreSQL, CloudFormation, CloudFront, CloudTrail, CloudWatch, Cognito, Cost Explorer, DynamoDB, EC2, ECS, EKS, Fargate, Lambda + API Gateway, Redis, Route 53, S3, Shield, VPC, WAF
- **DevOps** – AWS CDK, AWS X-Ray, Datadog, Docker/Compose, GitHub Actions, GitLab CI/CD, Grafana, Helm, Incident Response/Troubleshooting, Jenkins, Kubernetes, OpenSearch, OpenTelemetry, Prometheus, Terraform
- **Security** – IAM (least-privilege), KMS, OAuth 2.0/JWT, Secrets Manager, Security Groups, Zero-Trust Architecture
- **Languages & Scripting** – Bash, PowerShell, Python, REST/GraphQL, TypeScript, WebSockets/Webhooks, YAML
- **Collaboration** – Agile/Scrum, Confluence, Git/GitHub, Jira, Slack
- **Agentic AI** – AWS Bedrock Agents, FAISS, LangChain, LangGraph, OpenAI API, Pinecone, Prompt Engineering, RAG Pipelines
- **Soft Skills** – Critical Thinking, Decision-Making, Leadership, Problem-Solving, Project Management, Stakeholder Management

## WORK EXPERIENCE

- Business Sales Consultant** **Bell Canada**, Toronto, Canada Oct 2024 – Present
- Achieved 120% of monthly targets architecting bespoke multi-service connectivity portfolios aligned to client expectations
  - Elevated ARPU by 30% leveraging TCO and usage-projection analyses to right-size solutions
  - Mentored newly/recently hired consultants in practical solution-architecture principles and cost-benefit assessments
- Product Process Specialist** **Best Buy Canada**, Toronto, Canada Oct 2023 – Oct 2024
- Earned Shrink-Prevention Excellence Award for securing high-value inventory, preventing theft, and sustaining 100% stock accuracy through streamlined workflows and cross-team coordination
  - Navigated Blueprint leadership team to turn frontline feedback into process improvements, resulting in a 25% reduction in stock put-away time and a 15% boost in employee engagement
- Broker and Consultant** **Yarn Trading** **Self Employed**, Mumbai, India Jan 2021 – Aug 2023
- Brokered ~US\$ 29MM in annual contracts with 100% client retention, expanding portfolio with 40% new accounts by leveraging real-time price analytics and inventory forecasts to time trades and protect margins
  - Developed android-based real-time order tracking dashboard automating order confirmations and shortening settlement cycles by 40%, strengthening process automation, data governance, and cost control
- AWS Cloud Associate** **Project Engineer** **Wipro Technologies**, Bengaluru, India Oct 2019 – Dec 2020
- Delivered zero-downtime migration of Roads and Maritime Services Australia - systems to AWS (S3, RDS PostgreSQL, EC2, EKS)
  - Authored Terraform/CloudFormation modules cutting spin-up time by 70% (40 to 12 min.)
  - Dockerized 20+ micro-services with Kubernetes manifests for consistent rollouts on EKS
  - Enforced least-privilege IAM and VPC security-group controls with CloudWatch alerts, eliminating critical audit findings
  - Automated CI/CD for EC2 workloads via AWS CodeDeploy and CLI scripts, delivering repeatable and scalable release pipelines

## PROJECTS

- AWS Cost-Saver Bot (Agentic AI)** – Flagged idle EC2/EBS/S3 and posted Slack alerts with LangChain + Bedrock Agents Aug 2025
- Saved 12% (~US\$ 5K/yr.) running containerized Lambda based bot orchestrated with CDK + Step Functions
  - Dropped false positives from 18% to 3% by recording suppression history in Pinecone vector index
- Cloud-native e-commerce on EKS** – Terraform + Helm provisioned Node/TypeScript microservices Apr 2025
- Enabled zero touch blue-green releases via GitHub Actions, reducing deploy time by 85% (45 to 7 min.)
  - Slashed median TTFB by 45% (220 to 120 ms.) and blocked 100% of OWASP top 10 probes, with CloudFront caching + WAF

## EDUCATION

- Ontario College Graduate Certificate – **Cloud Computing Technologies** | George Brown College, Canada 2025
- Ontario College Graduate Certificate – **Project Management** | Conestoga College, Canada 2024
- Bachelor of Technology (B.Tech.) – **Mechanical Engineering** | Vellore Institute of Technology, India 2019