Dwai Banerjee

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR
B.E in Engineering
1997 -- 2001 | Durgapur, India
First Class

SKILLS

DISTRIBUTED SYSTEMS & MICROSERVICES
gRPC/ProtoBuf, contract-first APIs, event-driven streaming, Kubernetes, GitOps, observability, PKI/HSM/TLS.

HPC, GPU, GENAI & AGENTIC SYSTEMS
Slurm, Torque, LSF, RDMA/InfiniBand, NVIDIA Blackwell, Hopper, Ampere, NVIDIA Triton, TensorRT-LLM, Ray Serve, KServe, PyTorch, ONNX, ChromaDB, pipecat, MLflow, LoRA/QLoRA, DPO, RAG, Blaxel, Agent Harness Systems, policy as code, Modal, UnslothAI, Runpod.

CLOUD
GCP, Azure, AWS, GKE, AKS, EKS, Red Hat OpenShift, High Fidelity HPC and GPU Accelerated Grids, SageMaker, Azure ML, Vertex AI.

DATA ARCHITECTURE
Lakehouse/warehouse, dimensional modeling, metadata governance, lineage.

LANGUAGES
Golang, Python, Bash.

LEADERSHIP
OKRs/KPIs, SLOs, FinOps, GDPR/CCPA/SOC2/SOC3/FedRAMP/PCI-DSS/3DS.

CERTIFICATES

TOGAF 9 CERTIFIED
2010 | The Open Group
Credential ID 32021

SUMMARY

Engineering leader with 24+ years across startup and enterprise platforms and products. Built and guided cross-country teams with clear ownership growth across India, the EU, UK, South Africa, Southeast Asia, and the Americas.

EXPERIENCE

CLOUDGEAR | DIRECTOR
Jan 2024 -- Present | India

Summary: GenAI platform and GPU inference systems.

- Proto first backend with policy gated generation.
- Scaled roll out to **11+** enterprise and startup customers.

AWS | SENIOR SOLUTIONS ARCHITECT
Apr 2023 -- Jan 2024 | India
Summary: GenAI, HPC, and high-growth startup enablement.
- Led Bedrock previews for **15+** startups to production RAG.
- Designed low-latency inference with SageMaker and vector retrieval.

CITRIX SYSTEMS | SENIOR PRINCIPAL SOFTWARE ENGINEER
Oct 2020 -- Mar 2023 | India
Summary: Principal leadership on Citrix DaaS across AWS, Azure, and GCP.
- Built zero-trust control-plane in Go for portfolio generating **$2B** annually.
- Delivered Terraform Enterprise + OPA/Gatekeeper governance frameworks.

PHILIPS HEALTHCARE | PRINCIPAL ARCHITECT
Dec 2018 -- May 2020 | India
Led architecture for Health Suite on-prem/hybrid platform roll out.

HCL TECHNOLOGIES | SENIOR SOLUTION DIRECTOR
May 2017 -- Nov 2018 | The Netherlands & EU
European solution leadership across verticals.

MICROSOFT | CLOUD SOLUTION ARCHITECT
Jan 2016 -- Apr 2017 | The Netherlands and the USA
Built Azure open-source HPC/GPU automation and enablement for NVIDIA vGPU.

EXACT SOFTWARE | PRINCIPAL, SOLUTION ARCHITECTURE
Aug 2015 -- Nov 2015 | The Netherlands
Led ERP modernization prototypes and architecture roadmap.

ENABLE-U | SENIOR CONSULTANT
Feb 2013 -- Jul 2015 | The Netherlands, Africa
Scaled integration and governance solutions across Benelux, EU institutions, and Africa.

CANON EUROPA | DOMAIN SOLUTION ARCHITECT
Oct 2011 -- Jan 2013 | The Netherlands
Led Canon Unity integration and data transformation across EMEA.

TMNS | TECHNICAL ARCHITECT
Apr 2009 -- Sep 2011 | The Netherlands, Switzerland
Product architecture and enterprise integration consulting across EU clients.

EXPERIENCE (CONTINUED)

HCL TECHNOLOGIES | TECHNICAL ARCHITECT
Jun 2007 -- Feb 2009 | India, UK, Malaysia
Architecture leadership in SOA governance and platform virtualization.

ORACLE | SENIOR MEMBER TECHNICAL STAFF
Apr 2006 -- Jun 2007 | Bengaluru, India
Contributor to Oracle SOA Suite and Fusion Middleware integration engines.

IBM | ENGINEER
Oct 2003 -- Mar 2006 | India, Switzerland, UK, Barbados
Delivered WebSphere/MQ integration, DR, and security architecture programs.

VARIOUS | C++/WEB DEVELOPER
Jan 2001 -- Oct 2003 | India
Built distributed logistics and messaging systems in C++/EJB stacks for UK and Japan customers.