

SACHIN MALIK

Platform Architect & AI Practitioner

Building Intelligent Cloud Solutions with AWS, Python & Java

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PROFESSIONAL PROFILE

Results-driven Software Architect with expertise in **Cloud Native Development** and **Infrastructure as Code**. Successfully led critical cloud migrations and automated robust CI/CD pipelines for global enterprises. Combining deep technical proficiency in **Python, Java, and AWS** with new AI capabilities to design intelligent, data-centric architectures that drive business innovation.

WORK EXPERIENCE

- Platform Architect** July 2025 - Present
Tata Consultancy Services | Dublin
- Architected production-ready AWS environments using Terraform (IaC), managing EKS, RDS, API Gateway, and ALB.
 - Designed end-to-end automated pipelines for microservices using Docker and Kubernetes.
 - Leveraged Amazon MSK to build low-latency, event-driven communication layers.
 - Managed enterprise-grade SFTP server solutions and DNS configurations.
 - Automated infrastructure audits and tagging policies for cost optimization.
- IT Analyst** June 2024 - June 2025
Tata Consultancy Services | Noida
- Engineered scalable web applications using Java (Spring Boot) and Angular.
 - Designed and optimized relational schemas across PostgreSQL and MSSQL.
 - Developed and documented secure RESTful APIs for distributed systems.
- Software Engineer** Aug 2022 - June 2024
Tata Consultancy Services | UK
- Executed migration of legacy on-premise applications to AWS (EC2, RDS).
 - Diagnosed and resolved critical production issues in Java/Spring Boot applications.
 - Enhanced build pipelines to support cloud-native deployments.
- Previous Roles** March 2018 - Aug 2022
Tata Consultancy Services | India
- IT Analyst (Pune | 2022): Contributed to the development and maintenance of enterprise Java applications.
 - System Engineer (Nagpur | 2020-22): Developed backend services using Java and optimized SQL queries.
 - Assistant System Engineer (2018-20): Full-stack development with a focus on front-end enhancements (HTML, CSS, JS).

AI & ML SKILLS

- RAG & Fine-tuning AWS Bedrock
SageMaker LangChain Jupyter
Python

CLOUD & DEVOPS

- AWS (EKS, RDS) Terraform
Docker & K8s Jenkins Microservices

DEVELOPMENT

- Java (Spring Boot) Angular PostgreSQL
REST APIs

CERTIFICATIONS

- ✓ AWS Certified AI Practitioner
- ✓ AWS Certified Developer Assoc.
- ✓ AWS Cloud Practitioner
- ✓ Java Persistence & JPA

EDUCATION

- B.E. Electronics & Comm.
DCRUST, MURTHAL
2013 - 2017