

# 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