

# 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