Gaurav Goswami

gouravgoswami48@gmail.com — +91-7017925280 —
linkedin.com/in/gaurav-goswami-56aa84176 — github.com/gary1998

Professional Summary

Polyglot Developer with 5+ years of enterprise experience specializing in **AI/ML solutions**, **cloud-native architectures**, and **DevSecOps automation**. Proven track record of delivering scalable microservices that improve performance by up to 30% while reducing operational costs. Expert in multi-cloud deployments, AI-driven automation, and high-availability systems. Skilled in **observability engineering**, **resilience**, and **cloud security**, with experience leading cross-functional global teams.

Technical Expertise

- **Programming:** Java, Python, Go, JavaScript/Node.js, SQL

- **AI/ML:** Large Language Models (LLMs), RAG Pipelines, IBM watsonx.ai, Vector Databases, Conversational AI, Model Fine-tuning

- **Cloud & DevSecOps:** Docker, Kubernetes, OpenShift, Jenkins, GitHub Actions, Tekton, Terraform, Ansible, GitOps, SonarQube, Snyk, Grype

- **Backend & Data:** PostgreSQL, MongoDB, MySQL, Redis, ElasticSearch, REST APIs, gRPC, Microservices Architecture

- **Cloud Platforms:** IBM Cloud, AWS, Azure, GCP

- **Observability & Reliability:** Prometheus, Grafana, ELK, APM, SRE Practices, Observability Engineering, Performance Testing (Locust, JMeter), Resilience Engineering

Professional Experience

- **Polyglot Developer** – IBM India Systems Development Labs *May 2025 – Present*
  - Architect and develop **polyglot microservices** (Python, Java, Go, Node.js) for Backup & Recovery Cloud Object Storage
  - Built **AI-driven automation** for anomaly detection and self-healing infra, reducing MTTR by **20%**
  - Delivered multi-cloud deployments (IBM Cloud, AWS, Azure) via Kubernetes/OpenShift
  - Implemented observability stack (Prometheus, Grafana, ELK) to resolve performance bottlenecks

- **Senior Full Stack & AI Engineer** – IBM India Systems Development Labs *May 2024 – May 2025*
  - Built AI PoCs with **IBM watsonx.ai**, driving **20%** efficiency improvements
  - Fine-tuned LLMs for enterprise use, improving decision-making quality
  - Automated infra provisioning (IaC), cutting deployment time by **25%**
  - Led containerization initiatives with Docker/Kubernetes, reducing downtime by **15%**

- **Senior Engineer** – IndiGo Lab37 *Oct 2023 – May 2024*
  - Migrated 5 on-prem apps to **cloud-native architectures**, saving **30%** in infra costs

- Optimized throughput by **25%** using Locust & JMeter benchmarking
- Designed real-time ETA prediction service, improving satisfaction by **18%**
- Led cross-functional team for delivery of high-availability applications

- **Back-End Engineer** – IBM India Software Labs *Oct 2020 – Oct 2023*
  - Developed microservices for IBM Cloud Security Advisor, cutting incidents by **15%**
  - Integrated Vulnerability Advisor, reducing remediation time by **20%**
  - Raised unit test coverage to **95%**, reducing bugs by **30%**
  - Optimized CI/CD pipelines (Kubernetes/OpenShift), improving reliability by **15%**

Education

- **Master of Technology – Computer Science & Engineering**
  Meerut Institute of Engineering & Technology, AKTU *Aug 2023 – Aug 2025*
  CGPA: 8.43/10.0 (First Division with Honors)

- **Bachelor of Technology – Computer Science & Engineering**
  Meerut Institute of Engineering & Technology, AKTU *Aug 2016 – Aug 2020*
  CGPA: 7.82/10.0 (First Division with Honors)

Publications & Technical Content

- **Building a Universal Generative AI Chatbot Solution: From Data Ingestion to Deployment**
- **Mastering Feature Engineering: Crafting Brilliance in Machine Learning**
- **Level Up Your DevSecOps with Tekton: A Hands-On Guide**
- **Machine Learning Powered Compatible People Proposer Based On Personality Traits**
- **Mastering JakartaEE (JavaEE): A Comprehensive Guide to Build a Feature-Packed REST Server**
- **Goroutines in GoLang: Hacks to Conquer Concurrency Like a Boss!**
- **Unraveling GitOps, DevSecOps, and TechOps: A Guide to Modern Tech Superpowers**
- **Dissecting the Metrics: How Different Evaluation Approaches Yield Diverse Results for Conversational AI**
- **AI Echo Chambers: How Algorithms Shape Reality, Influence Democracy, and Fuel Misinformation**