

Abhishek Goswami

Module Lead | Senior Backend Engineer | Data Engineer

Noida, India | developer.abhishek04@gmail.com | 7983344117 , 7900300012
www.abhishekgoswami.com | linkedin.com/in/abhishek-goswami-b12b5b158 | github.com/Abhishek04dec96

PROFESSIONAL SUMMARY

Module Lead with 7+ years of experience in backend engineering, data processing, cloud solutions, and DevOps-driven enterprise systems. Skilled in Java, Spring Boot, Microservices, AWS, SQL, Apache Spark, Hadoop, and large-scale data workflows. Delivered measurable impact through 30% code optimization, 40% AWS cost reduction, sub-10-minute processing for 5M+ records, and support for large-scale data repair and processing across 1B+ records. Known for strong ownership, client-facing delivery, automation, production support, and building scalable backend and data-intensive systems.

CORE SKILLS

Languages: Java, Python, SQL, Shell Scripting

Data Engineering: Apache Spark, Hadoop, ETL Pipelines, Data Processing, Batch Processing, Data Validation, Workflow Automation, Large-Scale Data Handling

Backend & Integration: Spring Boot, Spring, Microservices, REST APIs, Apache Camel, JBoss Fuse

Cloud & DevOps: AWS, AWS Lambda, AWS EMR, EKS, S3, Amazon Redshift, Jenkins, GitLab CI/CD, Maven, Git, SVN, Docker

Databases & Data Warehouse: MySQL, Amazon Redshift, DynamoDB

Concepts: System Design, Performance Optimization, Production Support, Scalable Data Systems, Automation, Solution Architecture

AI/ML: TensorFlow, Scikit-learn, Prompt Engineering, Multi-model Evaluation, AI-assisted Systems

PROFESSIONAL EXPERIENCE

Module Lead | Sopra Steria

Jan 2025 - Present

Noida, Uttar Pradesh, India | Hybrid

- Architect and deliver enterprise-scale AI/ML-ready platforms for one of the U.K.'s leading financial institutions, combining data engineering, backend systems, and cloud-native infrastructure.
- Design and optimize large-scale data processing pipelines using Apache Spark, Hadoop, AWS EMR, and S3-based data lakes to support near real-time financial analytics.
- Lead backend architecture using Java, Spring Boot, Apache Camel, and microservices, ensuring modular, reusable, and testable services.
- Build AWS-based architectures leveraging Lambda, EKS, and Redshift, integrated with GitLab CI/CD pipelines to enable faster deployment and retraining workflows.
- Achieved sub-10-minute processing for 5M+ records through query tuning, caching strategies, and compute optimization.
- Define end-to-end solution architecture across data ingestion, transformation, ML workflows, and analytics layers.
- Mentor engineers on scalable architecture design, backend engineering best practices, and AI/ML integration patterns.

Senior Software Engineer | Sopra Steria

Jan 2022 - Aug 2025

Noida, Uttar Pradesh, India

- Optimized code and processing logic, reducing time and space complexity by 30%.
- Gathered requirements directly from clients, designed optimized technical solutions, and delivered projects within challenging timelines.
- Designed and deployed AWS Lambda-based automation workflows to improve processing efficiency and reduce manual intervention.
- Automated deployment pipelines across multiple environments, streamlining releases and reducing manual effort.
- Achieved 40% AWS cost optimization through strategic cloud and infrastructure enhancements.
- Played a key role in large-scale data repair and processing activities involving 1B+ records.

Software Engineer | Sopra Steria

Aug 2019 - Mar 2022

Greater Chennai Area

- Implemented DevOps methodologies that improved software development processes and cross-team collaboration.
- Developed impactful microservices that enhanced system functionality, scalability, and maintainability.
- Automated critical tasks, reducing manual errors by 60% and improving operational efficiency.
- Resolved complex engineering challenges that directly contributed to business and revenue impact.
- Received the Panecrel Award and was recognized as one of the youngest achievers.

Intern | Sopra Steria

Jan 2019 - Aug 2019

Chennai, Tamil Nadu, India | On-site

- Contributed to Java development activities and gained hands-on experience in enterprise application engineering.

Founder | TalentOwner

2025 - Present

- Built TalentOwner, a digital competition platform that helps creators and performers gain visibility, recognition, and rewards.
- Led end-to-end product development across competition discovery, participation, submissions, engagement flows, and creator-focused experiences.
- Drove platform strategy, UI/UX decisions, branding, launch execution, and growth experiments for gaming and talent communities.
- Worked across product, engineering, payments, cloud setup, and go-to-market execution to build a scalable creator platform.

SELECTED PROJECTS

AI Detection Tool: Built an AI content detection system using multiple models to evaluate and classify generated content through comparative model analysis and prompt-based testing.

Medicine AI Assistant System: Developed an AI-powered medicine assistant to support information retrieval, guided assistance workflows, and user query handling in healthcare-related use cases.

Directory Monitoring System (Java): Developed a real-time monitoring and validation system with automated AWS S3 uploads and file management.

Automatic Templating and Mailing System (Java): Designed a template-driven automated mail generation system to streamline communication workflows.

Load Generator: Engineered a load and stress testing utility to evaluate system performance under different conditions.

Docker Project: Built and managed containerized application environments using Docker for consistent deployment across systems.

EDUCATION

E-Masters in Artificial Intelligence and Machine Learning

2023 - 2025

IIT Jammu

Bachelor of Technology in Computer Science and Engineering

2015 - 2019

G.L. Bajaj Institute of Management and Technology

CERTIFICATIONS & AWARDS

- AWS Certified Developer - Associate
- Azure Developer Associate
- Pancrel Award