

# Kshitij Srivastava

## Associate System Engineer

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### 👤 PROFILE

Aspiring **Associate System Engineer** with a solid foundation in **Java, Python, C++, Software Development Lifecycle (SDLC)**, and **Cloud Computing**. Passionate about building scalable, secure, and innovative solutions, with proven hands-on experience through **projects, internships, and certifications**. Seeking to contribute technical expertise, problem-solving ability, and collaboration skills to **IBM's Consulting Client Innovation Centers** while growing in a dynamic technology-driven environment.

### 🎓 EDUCATION

**Bachelor of Technology-Galgotias University {Computer Science Engineering}** 2022 – 2026  
Galgotias University 🌐 Greater Noida, India

### 🏢 PROFESSIONAL EXPERIENCE

**Cloud Internship - Amazon (AICTE)** 🌐 05/2024 – 07/2024

- Deployed cloud-native apps on AWS using EC2, Lambda, DynamoDB.
- Designed scalable, secure distributed systems on cloud.
- Gained hands-on experience in cloud-native system design and agile delivery.

**Generative AI Internship - Google (AICTE)** 🌐 07/2024 – 09/2024

- Built AI-powered apps using Vertex AI, PaLM API, and Python.
- Integrated Generative AI features into real-world cloud-native solutions.
- Earned 24 digital badges on GCP AI services.

**Java Programmer Internship - CodSoft** 🌐 09/2024 – 10/2024

- Developed Java-based projects using OOP, DSA, and REST APIs.
- Delivered efficient, optimized backend solutions.

### 🧠 SKILLS

- **Languages:** Java, Python, C++, JavaScript
- **Web Development:** HTML5, CSS3, Flask, REST APIs
- **Databases:** MySQL, MongoDB
- **Concepts:** OOP, SDLC, Agile Methodologies, Cloud & Edge Computing, IoT Architecture
- **Tools:** Git, GitHub, Postman, VS Code
- **Soft Skills:** Problem Solving, Team Collaboration, Communication

### 📁 PROJECTS

**Coding Problem Tracker** 🌐

**Technologies:** Java, Flask, HTML, CSS, JavaScript, JSON, Charts

- Built a full-stack problem tracking platform for coding practice.
- Secure user authentication with multi-user support.
- Categorized problems by difficulty; custom test case validation.
- Visualized progress through interactive charts and analytics.

**API Banking Portal** 🌐

**Technologies:** Java, Spring Boot, REST APIs, MySQL, JWT

- Built a **secure banking API** with account creation, balance inquiry, transactions, and history retrieval.
- Implemented **JWT-based authentication** and **role-based access control** for sensitive endpoints.
- Designed **RESTful APIs** with Spring Boot, following modular and scalable architecture.
- Optimized **database performance** with MySQL indexing and efficient queries.
- Focused on **security best practices** (encryption, validation, and error handling) for reliability.

### 🏆 CERTIFICATES

Cloud Foundation by Amazon 🌐

Cloud Architecting by Amazon 🌐

Coding & Engineering - Accenture 🌐

Alteryx Designer Core Certification 🌐

Python and Flask Framework 🌐

Android Application ( Scratch ) 🌐