Vikas Yadav

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Profile Summary

Java Backend Developer with strong knowledge of Core Java and Spring Boot, experienced in building RESTful APIs and scalable backend systems. Solid foundation in OOP, Data Structures, SQL, and microservices architecture with focus on clean, efficient code.

Work Experience

Backend Developer Intern at Airtel Digital, Gurugram, India Jan 2026 - present

Developed and maintained RESTful APIs using Java and Spring Boot to support scalable web applications.Designed backend architecture following MVC pattern and implemented business logic with clean, modular code. Integrated SQL databases using Spring Data JPA / Hibernate for efficient data persistence and query optimization.Implemented input validation, exception handling, and basic authentication mechanisms for secure API development.Collaborated using Git for version control and participated in debugging, testing, and performance optimization.Assisted in deploying backend services and ensuring application reliability in development environments.

AI and Cloud Intern Edunet Foundation July 2025 - August 2025

Completed hands-on internship focused on Artificial Intelligence and Cloud Computing using IBM SkillsBuild and IBM Cloud platform.Developed and deployed machine learning models for real-world problem statements using cloud-based tools.Worked with IBM Cloud services for application deployment, storage management, and cloud resource configuration.Gained practical exposure to data preprocessing, model training, and evaluation techniques.Implemented cloud-based solutions with focus on scalability, reliability, and performance optimization.Strengthened understanding of cloud architecture, AI workflows, and secure deployment practices.

Projects

Network Intrusion Detection System (NIDS) View Project

Developed a Network Intrusion Detection System to identify malicious activities and unauthorized access in a computer network. Analyzed network traffic data to detect common attacks such as DoS, Probe, R2L, and U2R. Used machine learning techniques to classify normal and anomalous network behavior. Tools and Technologies: IBM Cloud, Machine Learning algorithms, Network Security concepts.

Education

2022 - 2026	BTech.CSE **DeenBandhu Chhotu Ram University of Science and Technology , Murthal**	(CGPA: 6.5/10.0)
2021	Class 12th CBSE Board	(86)
2019	Class 10th CBSE Board	(88)

Technical Skills

Languages: Java, JavaScript, HTML, CSS
Frontend: Next.js, React, Tailwind CSS
Backend / Databases: Spring, Spring Boot, MySQL, MongoDB
Tools / Other: Git, Github , Maven