VIVEK JHA

SDE Intern | Java Developer

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Portfolio : https://vivek-jha.vercel.app/
GitHub : https://github.com/Vivek-Jha-05
LeetCode : https://leetcode.com/u/VivekJha11/
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EDUCATION

Bachelor of Technology in Computer Science   2023 – 2027
Lloyd Institute of Engineering and Technology, UP
- CGPA: 7.79

SKILLS

- **Languages**: Java, Python, JavaScript, SQL, C, HTML, CSS
- **Frameworks/Libraries**: Spring, React, ExpressJs, NodeJs, NumPy, Pandas, MatplotLib, Hibernate
- **Databases**: MySQL, PostgreSQL, MongoDB, H2
- **Tools**: Git, Github, Maven, Postman, Docker
- **Others**: Spring Boot, Spring MVC, Spring JPA, Spring Security, REST APIs, JWT, Junit, Mockito
- **Core Concepts**: OOPs, Collections, Multithreading, JDBC, API Testing, Authentication and Authorization

WORK EXPERIENCE

GEN AI Developer Intern   August 2025 – October 2025
IBM PBEL - Remote
- Worked on **AI-powered** applications leveraging **Generative AI** concepts.
- Integrated **AI APIs** into applications to reducing manual content handling & user effort by ~50%.
- Applied problem-solving skills to build practical AI solutions.
- Collaborated on real-world use cases focusing on **automation** and **user experience**.
- Tech Stack: Python, OpenAi API, Git, NumPy, Pandas, Tensorflow, etc.

PROJECTS

E-Commerce Backend (Spring Boot)
Backend Project | GitHub: Personal Project — source
- Built a backend-only e-commerce system using Spring Boot with RESTful APIs for product operations
- Implemented **layered architecture** (Controller → Service → Repository) for clean and scalable code structure
- Integrated **H2 In-Memory Database** and optimized database operations using **Spring Data JPA**.
- Tested and validated **5+ API endpoints** using Postman (CRUD operations like GET/POST/PUT)
- Managed dependencies and build lifecycle using **Maven**

Monolithic Quiz App (Spring Boot)
Backend Project | GitHub: Personal Project — *source*
- Developed a monolithic Quiz Application backend using Spring Boot with clean REST API design
- Implemented quiz creation, question handling and evaluation uing **JPA** and **Hibernate ORM**.
- Designed structured code using Controller → Service → Repository layers for maintainability
- Integrated Spring Data JPA + database connectivity for storing and managing quiz data
- Tested all API endpoints using Postman to ensure proper request/response flow

CERTIFICATES

- **Infosys Java Foundation** (Jun 2025) – Built strong foundation in Core Java, OOP, Exception Handling.
- **OCI AI Foundation** (Sep 2025) – Gained foundational knowledge of AIML concepts and OCAI service.
- **GFG Advanced Java** (Jan 2026) – Learn Collections, Multithreading, JDBC and Backend concepts.

ACHIEVEMENTS

- Solved **550+** Coding Problems across LeetCode, Codeforces, GFG and CodeChef.
- Completed **Google Cloud Arcade** Facilitator Program.
- Team Leader of **RegX** and qualified **SIH** Internal Hackathon.
- Selected as a **GSSoC Contributor**, contributing to open-source projects.