VIVEK VISHWAKARMA

Jabalpur, Madhya Pradesh, India | +91 8871194951 | vivekvish0134@gmail.com
LinkedIn: *https://www.linkedin.com/in/vivek-vishwakarma-* | **GitHub:** *https://github.com/VivekGits7*

SUMMARY

Aspiring Java Developer with hands-on experience in building **scalable backend applications** and **AI-powered systems** using **Java, Spring Boot, and Microservices Architecture**. Proficient in **RESTful API development**, **payment gateway integration**, and **database management** with **MongoDB** and **MySQL**. Skilled in **AWS (EC2, RDS, Secrets Manager)**, **error handling**. Experienced in integrating **AI models** such as **Google Gemini, Spring AI, OpenAI LLM, and Ollama** to enhance system intelligence. Strong understanding of **OOP principles**, with a deep focus on writing **clean, modular, and maintainable code**.

SKILLS

- **Programming Languages:** Java, C and C++.
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Problem Solving.
- **Java Frameworks & Libraries:** Spring, Spring Boot, Lombok, Jackson, SonarQube, JUnit, Mockito.
- **Back-End Development:** Skilled in building RESTful APIs and designing Microservices Architecture.
- **Front-End Frameworks:** Tailwind CSS, React.js.
- **AI & LLMs:** Spring AI, OpenAI LLM, Llama LLM, AI-assisted coding tools (Vibe Coding, GitHub Copilot, Cursor AI).
- **Databases:** MongoDB, MySQL for data modelling and integration.
- **Cloud Platforms:** Practical knowledge of AWS services (EC2, RDS, Secrets Manager, DocumentDB, IAM Role).
- **Application Servers:** Experience with Embedded Tomcat for Java applications.
- **Build & Tools:** Maven, Postman, Mobaxterm, GSON, JSON, CURL and API Documentation (Swagger)
- **Web Technologies:** Familiar with HTML5, CSS3, JavaScript and YAML.
- **Version Control:** Strong command of Git, GitHub, Bitbucket, and Sourcetree for collaborative development.
- **Project Management:** Experienced in Jira for Agile workflows and task management.
- **IDEs:** Proficient in IntelliJ IDEA, WebStorm and Visual Studio Code for development and debugging.
- **Soft Skills:** Effective in team leadership, project management, and strong verbal communication.

PROJECTS

Java Developer Trainee | HulkHire Tech, Hyderabad (Aug 4, 2025 – Sep 26, 2025)

Project: 01 | Stripe Payment Integration | GitHub: *https://github.com/VivekGits7/Stripe-Payment-Integration*

Contributed to building a secure and scalable Stripe Payment Integration System using Java Spring Boot in a microservices architecture on AWS. Participated in implementing payment processing, payment status management, Stripe PSP REST API integration, notification handling, security enhancements, and error management. Explored Spring AI with OpenAI LLM and integrated ActiveMQ for asynchronous messaging. Followed RESTful standards, applied design patterns, and strengthened debugging and problem-solving skills.

Responsibilities:

- Implemented Stripe integration using Java Spring Boot & Microservices, building modular payment-processing and Stripe-provider services.
- Analysed Stripe integration documentation and collaborated with the team to finalise the end-to-end integration approach.
- Developed the stripe-provider service, integrating with Rest APIs (Create, Retrieve, Expire Session).
- Implemented security mechanisms using Stripe Basic Auth for APIs and HmacSHA256 for notification processing.
- Implemented payment status tracking to ensure 100% reliability of payments.
- Developed custom error codes and applied Spring exception handling for robust error management.
- Processed incoming Stripe notification events and performed unit testing.
- Worked with MySQL (Spring JDBC) and gained hands-on experience with AWS services (EC2, RDS, Secrets Manager).
- Explored Spring AI with OpenAI LLM for dynamic Stripe error response handling and integrated ActiveMQ for asynchronous communication
- Applied design patterns (Factory, Builder) and OOP principles to build modular, maintainable services.

Project: 02 | Property Finder Chat AI | GitHub: *https://github.com/VivekGits7/Property-Search-Chat-AI*

Developed an intelligent Property Finder Chat AI that enables users to search real estate projects through natural language

queries. Built a React + Tailwind CSS front-end integrated with a Spring Boot backend for real-time property recommendations. Designed RESTful APIs to extract filters like BHK type, budget, city, and locality from user queries and fetch matching listing properties from CSV datasets. Delivered an interactive chat-based interface that enhances property discovery with AI-driven filtering and summarisation.

Responsibilities:

- Designed and implemented the backend using Java Spring Boot (Microservices architecture) and developed a responsive frontend UI with React.js, Tailwind CSS, and Framer Motion for an interactive chat experience.
- Built and integrated RESTful APIs to extract key filters from user queries and fetch matching results from CSV-based property datasets.
- Developed robust data parsing and validation logic in Java to accurately interpret complex natural language inputs.
- Performed comprehensive testing and debugging using Postman and IntelliJ IDEA, ensuring seamless frontend–backend integration through environment variables and precise API endpoint mapping.
- Utilised Git and GitHub for version control, documentation, and collaborative project development and presentation.

Project: 03 | AI Chatbot Model Google Gemini 2.0 Flash | GitHub: *https://github.com/VivekGits7/AI-Chat-Model-Gemini*

Project: 04 | Student Management System | GitHub: *https://github.com/VivekGits7/Student-Management-System*

Project: 05 | Email Sender System | GitHub: *https://github.com/VivekGits7/EMail-Sender*

EXPERIENCES

Java Developer Trainee | HulkHire Tech, Hyderabad – August 2025 – September 2025

- Gained hands-on experience with Java, Spring Boot, and Microservices through real-world projects.
- Collaborated on developing and maintaining scalable back-end solutions.
- Applied best practices in REST API design and Agile workflows.

CERTIFICATIONS

- Java Developer Trainee (under Java Trainee Program) 2 Months (8 Weeks) – August 2025
- Oracle Cloud Infrastructure 2025 Certified Developer Professional, AI Foundations Associate – Oracle – September 2025
- Oracle Certified Associate (OCA) – Java SE – Oracle (Certified through CertifyCore Inc) – July 2025
- C and C++ Programming, Cisco Networking Academy, May – August 2023

EDUCATIONS

Bachelor of Technology – Electronics & Communication Engineering
Baderia Global Institute of Engineering and Management, Jabalpur, Madhya Pradesh
Completed: Aug 2021 – Jun 2025 | GPA: **7.25/10**

Higher Secondary (12th Grade) – Science Stream
Sanatan Dharma Public Higher Secondary School, Jabalpur, Madhya Pradesh
Completed: Mar 2021 | Percentage: **74%**

High School (10th Grade)
Sanatan Dharma Public Higher Secondary School, Jabalpur, Madhya Pradesh
Completed: Mar 2019 | Percentage: **73.80%**

LANGUAGES

- **Hindi** (Native)
- **English** (Proficient)

PERSONAL INFORMATION

- **Date of Birth:** 1st August 2004
- **Nationality:** Indian
- **Gender:** Male

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.