



VINAYAK KUSHWAH

B.Tech. - Computer Science & Engineering

Ph: +91-6269686084

Email: kushwahvinayak1@gmail.com

Indore, Madhya Pradesh, India – 452002

[GitHub](#) , [LinkedIn](#) , [Portfolio](#)



Brief Summary

As an aspiring Software Engineer Associate, I specialize in developing robust backend solutions using Java, Spring Boot, JSP, and Servlets. With a strong foundation in MySQL and tools like Git, I am dedicated to clean architecture, smooth data handling, and automation. I am excited by the opportunity to gain real-world exposure and structured mentorship.

Key Expertise

Java, C, SQL

Spring Boot, JSP, Servlets, RESTful APIs, MySQL, OOP, Data Structures, Git, Postman

Education Detail

Shri Vaishnav Vidyapeeth Vishwavidyalaya

Bachelor of Technology (B.Tech), Computer Science & Engineering

CGPA: 8.77 / 10 | 2022 – 2026

Education Park School , Bhikangaon (CBSE)

Class XII (Senior Secondary) – 2022

Percentage: 82.80%

Education Park School , Bhikangaon (CBSE)

Class X (Secondary) – 2020

Percentage: 71.80%

Internship

CodSoft | IT / Computers – Software

10 Nov, 2023 - 05 Dec, 2023

Project Intern

Domain: Java Development

During my 4-week virtual internship at CodSoft, I developed a Student Management System to streamline and automate academic administrative tasks such as managing student records, enrollment, and grade tracking. I also contributed to the design of a secure ATM interface, implementing key banking functionalities with strong input validation and error handling to ensure reliability. Additionally, I created an interactive Number Guessing Game, showcasing my algorithmic thinking and command-line programming skills. Throughout the internship, I proactively learned and applied new Java technologies, demonstrating adaptability and a strong ability to work in a fast-paced, remote environment.

Oasis Infobyte | IT / Computers - Software

11 May, 2023 - 01 Jun, 2023

Project Intern

Domain: Web Development

During my web development internship at Oasis Infobyte, I consistently kept up with the latest trends and advancements in software development and design. I assisted in optimizing websites for improved speed and efficiency, ensuring better performance across platforms. My role also involved contributing to the creation and maintenance of website layouts and user interfaces to enhance overall user experience and functionality. My work was recognized with positive feedback from clients for delivering high-quality web solutions within project deadlines.

Projects

News Summarizer

23 April, 2025 - 29 May, 2025

Team Size: 3

Key Skills: Springboot , JPA, Spring MVC , Core Java

- Built a Spring Boot backend to scrape and summarize news from Amar Ujala.
- Used Selenium and jsoup to extract content from dynamic web pages.
- Designed a JPA entity (News Details) to store headlines, images, and full articles.
- Exposed scraping and summarization via RESTful APIs with dynamic URL support.
- Implemented headless browsing for automated content extraction.
- Integrated a fine-tuned T5 model to generate concise and readable news summaries.

NoteX: Notes and PYQ Sharing Platform

20 April, 2024 - 23 May, 2024

Team Size: 3

Key Skills: MySQL , JSP , Servlet , Core Java

- Implemented secure student login and registration using JSP & Servlets.
- Developed a faculty/admin verification system to approve uploaded notes before publishing.
- Designed a responsive user interface using Bootstrap and Tailwind CSS for cross-device compatibility.
- Handled database operations with MySQL and JDBC integration for efficient data management.

Achievements'

- Achieved **5-Star rating in Java** on HackerRank.
- Contributed to **Hacktoberfest 2023** by completing multiple open-source contributions.

Assessment and certification

The Joy of Computing Using Python – NPTEL (July - October 2024) [\[Link\]](#)

Key Skills: Python, Logic Building, Basic Algorithms

Gained foundational knowledge in Python programming, logical thinking, problem-solving, and basics of computation

Data Structures & Backend with Java – Board Infinity (July - September 2024) [\[Link\]](#)

Key Skills: Arrays, Stacks, Queues, Java, Spring Boot, REST APIs , Spring Security

Mastered key data structures such as arrays, stacks, queues, linked lists, and trees. Understood their implementation and use-cases in backend systems. Built RESTful APIs using Spring Boot framework. Learned best practices in API design, HTTP methods, data persistence, and debugging.

Database Management System (DBMS) – Infosys Springboard (June - August 2024) [\[Link\]](#)

Key Skills: SQL, MySQL, ER Diagrams, Normalization, Query Optimization, Joins

Gained a comprehensive understanding of relational databases, SQL syntax, and data modeling. Learned to write complex SQL queries, normalize data, and design efficient relational schemas in MySQL.

Programming in Java – NPTEL (July -October 2023) [\[Link\]](#)

Key Skills: Core Java, OOP, Exception Handling, File I/O, Multithreading, GUI (Swing/AWT)

Studied the principles of object-oriented programming using Java. Explored concepts like classes, inheritance, polymorphism, abstraction, and interfaces. Practiced exception handling, file operations, GUI programming with AWT/Swing, and multithreaded application development.

Extra Curricular Activities

- Development (JAVA) team Member, Abhyudaya Coding Club @ SVVV Indore
- Participated in coding challenges
- Hacktoberfest

Personal Interests / Hobbies

- Traveling , Music Listening, Watching and Playing Cricket

Personal Details

- **Gender:** Male
- **Date of Birth:** 18th July 2005
- **Languages Known:** English, Hindi
- **Contact Number:** +91 6269686084
- **Strengths:** Adaptable, Quick Learner, Effective Team Player, Coordinated
- **Current Address:** 561,F Raj Nagar , Near Airport Road Indore, Madhya Pradesh – 452002, India

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 21st August 2025

Place: Indore

Signature

Vinayak Kushwah