VARTIKA SINGH RAJPUT

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EDUCATION

Galgotias University, Greater Noida, India
BCA in Computer Applications; 2022 – 2025
Coursework: Web Development, Java Programming, Data Structures & Algorithms, Object-Oriented Programming, SQL

SKILLS SUMMARY

Languages: C++, Java, HTML, CSS, JavaScript, SQL

Libraries: React.js

Tools: VS Code, MySQL Workbench, Git, GitHub, MS Word, MS Excel

Soft Skills: Problem-solving, Decision-making, Communication, Adaptability

EXPERIENCE

AI Virtual Internship Gentraive AI (Remote)   June 2024 – July 2024
Contributed to real-world AI problem-solving through guided case studies and practical labs. Built Python-based AI solutions including a chatbot framework and basic classifier models, and applied NLP techniques for text analysis. Worked with cloud-based collaborative tools and gained exposure to agile workflows and GitHub version control.
Key Tools: Python, Google Colab, GitHub, Jupyter Notebook

Java Development Training Remote   March 2024 – April 2024
Focused on object-oriented design principles using Java. Developed mini projects involving data structures, string manipulation, and file-based I/O. Practiced exception handling, multithreading, JDBC connectivity, and menu-driven programs using Eclipse IDE.
Key Tools: Java, Eclipse IDE, GitHub, JDBC

PROJECTS

Python Number Guessing Game: Developed an interactive guessing game in Python using random number generation. Implemented user-defined logic to give feedback on guesses and count attempts. The project demonstrated conditional logic, loops, and user input handling.

Checkbox Game: Designed a browser-based logic game using HTML, CSS, and JavaScript. Players progressed by selecting valid checkbox combinations. Applied JavaScript event listeners, DOM manipulation, and basic styling to enhance interactivity.

Online Book Store: Built a web-based book store application allowing users to browse, search, and purchase books online. Implemented frontend using HTML, CSS, and JavaScript, while backend database was managed with MySQL. Features included user authentication, shopping cart functionality, and order management. Demonstrated integration of full-stack development and SQL operations.

CERTIFICATIONS

Database Programming with SQL Oracle Academy (Jan 2024): Learned SQL operations (DDL, DML, joins, subqueries, constraints, transactions) and relational schema design with hands-on Oracle platform practice.

Java Programming Oracle Academy (June 2024): Gained knowledge of Java syntax, control statements, OOP (classes, inheritance), exception handling, file I/O, and built assessment-based projects.

Artificial Intelligence IBM (July 2024): Covered AI conceptssupervised/unsupervised learning, decision trees, neural networks, AI ethicsand performed dataset analysis using Python (NumPy, Scikit-learn).

Generative AI Virtual Internship (JuneJuly 2024): Worked on ML pipelines, customer segmentation, spam filtering, chatbot intent detection, and applied collaborative Git workflows during live projects.

ADDITIONALS

10th and 12th from St. Marys School, Mainpuri (2018–2019 & 2021–2022)

Bilingual: English, Hindi

Active contributor to GitHub repositories and online learning platforms