

Ravi Kumar

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SUMMARY

Aspiring Software Engineer with strong foundations in Data Structures, Algorithms, and Full-Stack Development. Skilled in building scalable web applications, solving complex problems, and working with modern development tools. Passionate about learning new technologies and contributing to impactful software solutions.

TRAINING & CERTIFICATIONS

- Machine Learning with Python
- Generative AI Training – QSpiders
- Data Structures and Algorithms (DSA)
- Full Stack Web Development Bootcamp (HTML, CSS, JavaScript, Node.js)
- Oracle AI Foundations Certification

PROJECTS

AI Restaurant Generator ([GitHub](#))

AI-Powered Web Application

- Built an AI-driven web application that generates unique restaurant names and signature menus based on selected cuisines.
- Integrated Large Language Models using LangChain to dynamically create restaurant concepts.
- Developed an interactive and responsive user interface using Streamlit for seamless user experience.

Queen Visualizer

N-Queen Visualizer

- Built an interactive 3D character visualizer using vanilla JavaScript, HTML5, and CSS3.
- Implemented camera controls, lighting effects, and smooth animations.

EDUCATION

2023 – 2027	B.Tech in Computer Science and Engineering , Haldia Institute of Technology	GPA: 9.05/10
2022	Class 12 , JAC Board	92%

ACHIEVEMENTS

- Solved **200+ problems** on LeetCode demonstrating strong DSA proficiency.
- Achieved **130+ points** in HackerRank Problem Solving (Bronze Level).
- Solved **100+ problems** on GeeksforGeeks.

SKILLS

- **Languages:** C++, Java, Python, SQL
- **Web Technologies:** HTML, CSS, JavaScript, Node.js
- **Core CS:** Data Structures, Algorithms, OOP, DBMS, OS Basics
- **AI/ML:** Machine Learning Fundamentals, Model Training, Evaluation
- **Tools:** Git, GitHub, Linux, VS Code