

VAIBHAV GUPTA

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🔗 Portfolio

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Professional Summary

A motivated and skilled developer with hands-on experience in Java optimization and front-end development. Improved Java project performance by 20% through effective debugging and design. Contributed to front-end projects with responsive UI components, ensuring timely delivery. Proficient in Java, Python, JavaScript, HTML5, CSS3, Bootstrap, and React. Strong foundation in DSA, solving 100+ LeetCode problems and earning a 4-star Hackerrank rating. Built full-stack projects, including a LaTeX-based ATS-friendly resume builder. Comfortable with tools like VS Code, PyCharm, IntelliJ, and version control using Git and GitHub. Eager to apply my skills and collaborative approach to deliver innovative and efficient tech solutions

Projects

- **ATS-Friendly resume builder** 🌐 | *Node.js, Javascript, LaTeX, CSS, HTML* **March 2025**
 - Ensured 100% ATS compliance by optimizing resume structure (keyword-rich, no graphics/tables), and built a responsive, user-friendly interface for seamless user experience across devices.
 - Designed and developed a full-stack web application using Node.js, JavaScript, HTML, and CSS to generate LaTeX-based, ATS-compliant resume PDFs dynamically.
 - Implemented real-time form input handling, dynamic LaTeX code generation, and PDF compilation to produce highly customizable, professional-quality resumes.
- **AI Chatbot** 🌐 | *HTML5, CSS3, JavaScript (ES6+), Google Gemini API, Emoji Mart* **July 2025**
 - Developed a web-based AI chatbot using HTML, CSS, JavaScript, and Google Gemini API for real-time conversational responses.
 - Implemented features like emoji picker, file attachments, and responsive popup chat UI for an interactive user experience.
 - Ensured secure and modular API integration with .env and config.js, maintaining session-based chat history and clean UI logic.
- **N Queen Visualizer** 🌐 | *JavaScript, CSS, HTML, Visualisation, chess-queens, Data-Structure* **January 2024**
 - Developed an interactive visualizer for the N-Queens problem, displaying all distinct solutions for user-input N (up to 20×20 board).
 - Optimized backtracking algorithm to compute solutions 30% faster, enhancing user experience.
 - Rendered over 1,000+ unique board configurations using CSS animations, improving visualization clarity.
- **Whatsapp Spam Detection using ML** 🌐 | *Multimodal Naïve Bayes Classifier, Streamlit* **June 2024**
 - Achieved 95% accuracy in detecting spam messages using Multimodal Naïve Bayes Classifier and Deep Learning NLP techniques.
 - Processed 10,000+ messages, identifying spam with a precision score of 92%, reducing false positives.
 - Enabled real-time chat filtering, analyzing messages 5× faster than traditional methods using Streamlit for interactive visualization.

Education

- **Noida Institute of Engineering and Technology** **2022-2026**
B.TECH *Computer Science(AI)*
- **S.S.V. Inter College** **2021-2022**
Intermediate *PCM*

Technical Skills

- **Languages:** Python, Java, JavaScript, LaTeX, Statistics, Machine Learning.
- **Tools:** VS Code, PyCharm, IntelliJ, Canva
- **Frameworks:** GitHub, Git, HTML5, CSS3, Node.js, Javascript, Bootstrap, Streamlit, Selenium

Certifications/Achievements

- Solved 150+ Data Structures and Algorithms problems on **Leetcode** and **GFG**
- **Hackerrank:** 4-star Data Structures and Algorithms with Java
- **ReactJS** - Infosys SpringBoard
- **Data Structures and Algorithms with Java**