VAIBHAV GUPTA

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Professional Summary

A motivated and skilled developer with proven experience in Java optimization, front-end, and full-stack web development. Demonstrated ability to enhance project performance by 20% and deliver ATS-compliant solutions. Proficient in Java, Python, JavaScript, React, and LaTeX, with a solid grasp of Data Structures and Algorithms, solving over 200 problems on LeetCode and other platforms. Adept at delivering innovative, timely solutions and collaborating effectively in diverse team environments; eager to contribute technical and problem-solving skills to cutting-edge projects.

Projects

○ **ATS-Friendly resume builder** 🔗
  Technologies: Node.js,Javascript,LaTex,CSS,HTML | **March 2025**
  – Developed a full-stack web application to create ATS-compliant resumes with dynamic LaTeX-based PDF generation.
  – Optimized resume structure for 100% ATS compatibility, ensuring keyword-rich formatting without graphics or tables.
  – Designed a responsive user interface for seamless experience across devices.

○ **Currency Convertor** 🔗
  Technologies: React.js, JavaScript ES6+, CSS3, RESTful API| **August 2025**
  – Built a responsive React app with real-time currency conversion using external API integration and dynamic UI.
  – Managed state with React hooks for accurate, up-to-date exchange rate calculations.
  – Enhanced UX with currency swap, input validation, and historical rate tracking across global currencies.

○ **AI Chatbot** 🔗
  Technologies: HTML5, CSS3, JavaScript (ES6+), Google Gemini API, Emoji Mart | **July 2025**
  – Built an interactive web-based AI chatbot with features like emoji picker, file attachments, and session-based chat history.
  – Implemented secure API integration with modular code and ensured a responsive, user-friendly chat UI.

○ **N Queen Visualizer** 🔗
  Technologies: JavaScript, CSS, HTML, Visualisation, chess-queens, Data-Structure | **January 2024**
  – Created an interactive visualizer solving the N-Queens problem for boards up to 20x20.
  – Enhanced algorithm efficiency by 30% using optimized backtracking, rendering 1,000+ unique board configurations with CSS animations.

Education

○ **B. Tech in Computer Science(AI)**   **2022-2026**
  Noida Institute of Engineering and Technology, Gr. Noida
○ **Intermediate (PCM)**   **2021-2022**
  S.S.V. Inter College, Ayodhya(UPMSP Board)
○ **High School**   **2019-2020**
  S.S.V. Inter College, Ayodhya (UPMSP Board)

Technical Skills

○ **Programming Languages:** Java, Python, JavaScript, LaTeX, Structured Query Language (SQL).
○ **Web Development:** HTML5, CSS3, Tailwind CSS, React.js, Node.js, Express.js, REST APIs.
○ **Core CS Concept:** Data Structures & Algorithms(DSA), Object-Oriented Programming (OOPs).
○ **Tools & Platforms:** Git, GitHub, Postman, Streamlit, Render, Vercel.
○ **Machine Learning & AI:** Basics of Machine Learning, Natural Language Processing (NLP).
○ **Soft Skills:** : Problem Solving, Collaboration, Adaptability, Creativity, Attention to Detail.

Certifications/Achievements

○ Solved 200+ Data Structures and Algorithms problems on **Leetcode** and **GeeksforGeeks**
○ **Hackerrank:** Earned 5-star rating in Data Structures and Algorithms (Java)
○ **ReactJS Certification** - Infosys SpringBoard.
○ **Certification in Data Structures and Algorithms with Java**