

VAIBHAV GUPTA

Ayodhya, Uttar Pradesh

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Education

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

Relevant Coursework

- Data Structure
- ML Basic
- Python
- Web Technology
- Algorithm Analysis
- Java

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.
- 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.

Experience

Codsoft

Remote based

Java Programming Intern

July 2023-August 2023

- Optimized Java applications, implementing OOP principles to enhance performance.
- Designed and debugged multiple Java-based projects, improving execution speed by 20%

Codtech IT Solutions

Remote Based

Project Intern

June 2024 – July 2024

- Contributed to front-end project development, enhancing user experience with interactive UI components.
- Developed and integrated key features in a team-driven environment, ensuring project completion before deadlines.

Technical Skills

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

Certifications

- Solved 100+ Data Structures and Algorithms problems on LeetCode
- Hackerrank: 4-star Data Structures and Algorithms with Java
- Data Structures and Algorithms with Java