Garvdeep Singh

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Jalandhar, Phagwara - 144401, India

SUMMARY

Aspiring Software Engineer with a strong foundation in data structures, algorithms, and full-stack development. Proficient in C++, Python, and modern web technologies including Node.js and MongoDB. Experienced in building scalable backend systems and interactive user interfaces through hands-on projects.

EDUCATION

- **National Institute of Jalandhar**   *August 2023 - May 2027*
  Bachelor of Technology in Computer Science and Engineering   Jalandhar, India
  ◦ CGPA: 7.75/10.00

- **Swami Sant Dass Public School**   *2022-23*
  Senior Secondary Education   Phagwara, India
  ◦ Grade: 92.2%

SKILLS

- **Programming Languages:** C++, Python, C , JavaScript, TypeScript
- **Web Technologies:** HTML, CSS, Javascript, Node.Js, Express.Js
- **Database Systems:** MySQL, MongoDB, SQL Joins, Aggregation
- **Tools and Platforms :** Git, Github, Postman, VSCode
- **CS Fundamentals :** Data Structures and Algorithms, OOPS, OS (Basics), DBMS, Networking

EXPERIENCE

Web Development Intern   *June 2025 - August 2025*
Ikipendence
- Designed and developed dynamic, responsive UI components for the "Wall of Passion" feature, ensuring a visually engaging and scalable layout for growing user content.

- Contributed to the "Seed of Individuality" initiative by creating UI/UX components, implementing dynamic content display, and refining animations to provide a smooth, personalized storytelling experience for users.

PROJECTS

- **Food Ordering Application: [GUI based Food Ordering app]**   *April 2024*
  Tools: Python, Tkinter   []
  ◦ Developed a GUI-based food ordering application using Python and Tkinter to allow users to place food orders via an interactive interface, enhancing user engagement and simplifying the ordering process.

  ◦ Implemented the Tkinter library to design a responsive and visually appealing GUI, including components such as buttons, labels, and entry fields, where users can input their desired food items, view available choices, and make modifications to their orders, while the layout is dynamically adjusted to provide an organized and consistent experience across different screen sizes and resolutions.

  ◦ Optimized the user interface for ease of use by carefully arranging widgets in a logical and intuitive layout, using clear labels, buttons, and dialogue boxes to guide the user through the ordering process.

- **Hotels: [Heavily Backend Project]**   *May 2025*
  Tools: JavaScript, Node.Js, Express.Js, MongoDB   []
  ◦ Developed a Full-Stack Hotel Booking Platform: Created a comprehensive hotel booking web application utilizing Node.js for the server-side logic, Express for routing and API handling, and MongoDB as the database to store and manage hotel data, user profiles, and booking records, offering users a seamless experience for searching, booking, and managing hotel reservations.

  ◦ Version Control and Deployment: Utilized Git for version control, collaborating with team members and maintaining the codebase throughout the development process. Deployed the application to a cloud platform, ensuring scalability and reliability for both user-facing and admin functionalities.

ACHIEVEMENTS & CERTIFICATIONS

Winner, Cipher Quest 2025 — [NIT Jalandhar] (Apr 2025)
Deloitte Australia Cyber Job Simulation on Forage (May 2025)

ADDITIONAL INFORMATION

Languages: English (C1), Punjabi (C2), Hindi (C1)