Milandeep Kaur

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EDUCATION

- **Guru Nanak Dev Engineering College** — Punjab, India
  Bachelor of Technology - Computer Science Engineering; GPA: 8.45 — *2021 - 2025*
  Courses: *Computer Network, Operating Systems, Data Structures, Computer Architecture, System Programming*

SKILLS SUMMARY

- **Languages:** Python, C, C++, Html, CSS, JavaScript, PHP, SQL
- **Frameworks & Tools:** React, Node.js, Express.js, MongoDB, Rest API, Git, IntelliJ, Sublime
- **Soft Skills:** Event Management, Writing, Public Speaking

EXPERIENCE

- **Web Developer Intern** — Rewa, MP
  Writto Education Pvt. Ltd. — *July 2024 - December 2024*
  - **Designed and developed a scalable test series platform** for Writo Education, facilitating **1,000+ students** to practice questions and simulate competitive exams.
  - **Engineered dynamic web interfaces** and **Optimized backend system** to enable seamless question management and real-time analytics, and enhanced user engagement, **attained a 20% reduction in system downtime**.

- **Graphic Designer Intern** — Rewa, MP
  Writto Education Pvt. Ltd. — *June 2024 - July 2024*
  - **Designed 20+ impactful marketing materials**, including flyers, carousels, and infographics, **boosting social media engagement by 25%** and **increasing brand visibility by 30%** through targeted visual strategies.
  - **Contributed to the SIP project** by designing and delivering **10+ visual assets**, leading to successful **partnerships with 5+ schools** and a **20% increase in outreach effectiveness**.

- **Software Developer Intern** — Patna, BR
  National Institute of Electronics & Information Technology — *July 2023 - Aug 2023*
  - **Created a robust Complaint Redressal System** using PHP and SQL, handling **1,000+ complaints monthly**, enabling seamless management of user complaints with **secure login** and **role-based access** for users and administrators.
  - **Engineered core functionalities** for complaint filing, status tracking, and administrator issue resolution, resulting in a **40% improvement in complaint resolution efficiency**.

PROJECTS

- **Writo Test Series** —React, Node.js, Express.js, MongoDB:
  - **Designed Writo Education's Test Series Platform**, allowing students to practice in a **competitive exam simulation**, improving preparation effectiveness by 30%.
  - **Optimized real-time question management and analytics systems**, boosting operational efficiency by 30% and reducing system response time.

- **Doodle Dash** —Node.js, Express, Socket.io, React, CSS:
  - Engineered an interactive **draw-and-guess multiplayer game** using Socket.IO for **real-time player communication**. Implemented **customizable game rooms**, **automated word selection**, and **time-limited rounds**, increasing user engagement by **40%** and fostering competitive gameplay.

- **ECOTRACKS-Navigating Through Railways** HTML, CSS, JavaScript, SQL, PHP, RailwayAPI:
  - **Designed and implemented** a voice-driven system for railway websites, integrating **real-time train information** through API for improved service delivery.
  - Enabled **voice commands** for **train searches and availability**, minimizing user search time by 30%.
  - Incorporated **responsive voice feedback**, enhancing user engagement and satisfaction by providing **seamless interaction.**

HONORS, AWARDS AND CERTIFICATIONS

- Submitted a Research paper at IEEE Conference — May 2024
- Won 3rd prize in Techzibition (Punjab Zonals) held by IIT Roorkee — Feb 2024
- Reached the finals of IDEAZ-CSE, Cognizance 2023 at IITR — March 2023

VOLUNTEER EXPERIENCE

- Worked in the organization team of college fest- APEX and hosted the fest. — Apr 2022
- Orgaised an event "Marvel Madness" in Indian Society for Technical Education — Sept 2022
- Worked as an NSS volunteer and participated in a social talk event — May 2022