YORDIN KAYTH

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EDUCATION

Dr. B.R. Ambedkar National Institute of Technology Jalandhar, Punjab *Bachelor of Technology, Computer Science and Engineering*

TECHNICAL SKILLS

- **Languages:** C++, JavaScript, Python, Golang
- **Databases:** MongoDB, SQL, Redis
- **Web:** HTML, CSS, Node.js, Express.js, React.js, Next.js
- **Tools:** Git, Github, PyTorch, SUMO, TraCI, UI/UX Design, Figma
- **Core Concepts:** DSA, DBMS, OOPS, OS

PROJECTS

Kaunfess | *HTML, CSS, Java Script, MongoDB, React* ***Aug. 25 - Dec.25***

- Ensured user anonymity by implementing secure mechanisms for identity protection, allowing users to express freely without revealing personal details.
- Integrated MongoDB to handle data storage, retrieval, and anonymous submissions efficiently, optimizing database queries for faster performance.
- Designed an intuitive and responsive user interface for a seamless user experience, focusing on mobile-first design principles and cross-browser compatibility.

KHYAT e-share | ***Sep. 26 - Present***

- Implementing functionality for teachers to share and unshare files in real-time, giving them full control over content availability.
- Building an intuitive, responsive interface for both professors and students, ensuring easy navigation and file management across devices.
- Designing a system with distinct roles for professors and students, ensuring secure access and file sharing based on user privileges.

Gym Buddy | *C++* ***Sep.24 - Dec.24***

- Implemented features to add or remove gym members, track outstanding payments, and update payment records, simplifying gym operations and financial tracking.
- Leveraged **C++** and its file handling capabilities for efficient data storage, retrieval, and manipulation, ensuring secure and organized member and payment data.
- Ensured persistent storage of gym member information and payment history using file handling techniques

Smart Traffic Flow| *SUMO, Python, PyTorch, TraCI, Deep Q-Learning* ***Dec. 24 - Jun. 25***

- Used sumo to simulate the traffic and TraCI to interact with the simulation
- Used vehicle counts and traffic state inputs to inform signal decisions
- Built a reward driven reinforcement learning approach with PyTorch to explore time saving actions

EXTRACURRICULAR AND LEADERSHIP

WeCan

- Core member ***(Jun. 2023 - Jun. 2024),***
- Team Lead ***(Jul. 2024 - Jun. 2025)***

DSAMP Mentorship Programme

- Mentor(Jun. 2024 - Jul. 2025)