

Kirtran Prajapati

📍 Windsor, Ontario, Canada ✉ kirtanprajapati0804@gmail.com ☎ (226) 961-9713

in <https://www.linkedin.com/in/kirtan-prajapati-6203a21b8/> 📄 <https://github.com/kirtanlab?tab=repositories>

Education

University of Windsor, Windsor, Ontario

Sep 2025 to Dec 2025

MS in Masters in Applied Computing

- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

G.H.Patel College of Engineering and Technology, Anand

Jun 2020 to Apr 2024

BE in Computer Engineering

- GPA: 8.31/10.0
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Experience

AI Intern

Windsor, Ontario, Canada

Windsor Analytics

Dec 2025 to present

- Contributing to the development of a computer vision-based cricket training application to analyze player dynamics and optimize shot selection.
- Fine-tuning object detection models and evaluating performance on a dataset of 10,000+ annotated images.
- Experimenting with model optimization and deployment strategies on NVIDIA Jetson Nano for real-time analysis and practical field use.

FullStack Developer

Tamil Nadu, India

Nahar Om Family Office

May 2024 to Nov 2024

- Creating a platform for invoice trading for annually recurring revenue with finance mentors. This platform will allow users to invest their money on invoices based on analysis dashboard of company.
- My role extended beyond development of fullstack, as i will be working on Customer Analysis using Machine Learning and running those models on django.
- TechStack React.js, Tensorflow, Pytorch, Django, Postgres, MongoDB

FullStack Intern

Anand, Gujarat, India

Tech Elecon Pvt. LTD

Dec 2023 to Apr 2024

- I led critical projects with unwavering commitment, navigating tight deadlines and collaborating seamlessly with colleagues.
- My role extended beyond coding, as I also provided guidance to 50+ peers on parallel projects, ensuring a cohesive and successful internship experience.
- TechStack React.js, Springboot, Tanstack React-query, JWT, Github CI/CD Pipeline, Postgres

Projects

Shelterhub - Student's one stop solution for accommodations

[MerchantApp](#) [🔗](#)

- Created a React Native App which provides a platform where a Student can find a PG, Hostel or mess and PG Owner can upload Images, Videos, Share a Location using Google Map provided in App and Manage Notifications and Authentication list out their PG for marketing purpose.
- Tech stack: React Native, Material UI, Typescript, Redux, react-query, zod

Publications

Deep learning approaches for Crossing Indian Roads

Dec 2024

- Nominated for Best Research Paper Awards in International Conference - ICWSTCSC December 2023

Technologies

Languages: Python, Java, JavaScript, Typescript, SQL

Technologies: Tensorflow, Pytorch, Django, React.js, Next.js, Springboot, Node.js, Postgres

Tools: Anaconda, AWS Sagemaker, AWS EC2, Ubuntu, Docker, Kubernetes, Linux, Jenkins, JUnit