GOPINATH

Madurai, Tamil Nadu

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EDUCATION

Velammal College of Engineering and Technology ,Madurai   **2022 – 2026**
*B.Eng. in Computer Science and Engineering- **CGPA - 8.4***   *Madurai, India*

SKILLS

- Data Structures & Algorithms
- Operating Systems
- Cloud Computing
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development

PROJECTS

Review Suite Application | Remix, Polaris, Prisma,Supa Base   **Dec 2024**
- Developed a Shopify admin application called **Review Suite**, enabling merchants to seamlessly manage product reviews, enhance customer interaction, and track review analytics effectively.
- Leveraged **Remix** for building performant full-stack features, utilized **Polaris** to ensure Shopify-native UI/UX design, and integrated **Prisma** for efficient and scalable database interactions.

Flipkart Grid 6.0: Quality Control Automation System ⬈ | PyTorch,Effcientnet,Yolo,Robo flow **Nov 2024**
- Developed two robust AIML and computer vision-based solutions for automating quality control, utilized in the Flipkart Grid competition.
- **Freshness Detection of Produce:** Implemented **YOLOv8** for detecting fresh produce and regions of interest and send this to **EfficientNetB0** for classifying the freshness of detected items.
- **Product Counting and Brand Verification:** Designed a system using **YOLOv8** for detecting products in images, **PaddleOCR** for extracting text from packaging, and **Sentence Transformer** for matching brand names via cosine similarity using precomputed embeddings.

Store Locator Application | Shopify, Remix, React, Meta fields, Supabase, GraphQL   **Feb 2025**
- Developed a Shopify-integrated store locator application, enabling merchants to manage and display their physical store locations.
- Implemented interactive search and filtering features to enhance user experience, leveraging Google Maps API for real-time location services.
- Integrated Shopify metafields for dynamic store data storage and retrieval, ensuring seamless store management.
- Utilized Supabase for scalable database management and GraphQL for efficient data fetching and manipulation.
- Optimized performance using Remix and React, ensuring fast load times and smooth UI interactions.

INTERNSHIP

Binarychakra   **Nov 2024 – Jan 2025**
Software Developer Intern   *Madurai, India*
- Developed an admin application for Shopify merchants, enabling efficient product and customer management.
- Gained hands-on experience with **Remix**, a modern full-stack framework, and **Shopify Polaris**, ensuring native and intuitive UI/UX designs.
- Utilized **Prisma** for efficient and scalable database interactions in the application.
- Collaborated closely with a team, enhancing skills in teamwork, problem-solving, and project coordination.
- Improved technical proficiency in web development, database management, and agile methodologies during the internship.

TECHNICAL SKILLS

Languages: Python, Java, Go,C,JavaScript, SQL, NoSQL,XML,Bash
Developer Tools: VS Code,Intellij Idea
Technologies/Frameworks: Linux, GitHub,GitLab, ReactJS, Remix,NodeJS,Spring Boot,ExpressJS, Git, MongoDB,Docker,Kubernetes,AWS,Jenkins,Ansible,Github Actions