

Indrajith Lal

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Summary

An enthusiastic tech developer with expertise in backend programming and app development. Skilled in various programming languages, databases, linux and with hands-on experience in real-world projects like driver distraction detection system and geolocation based attendance tracking system.

Experience

PreseedEA | Remote

Full Stack Developer Intern | 10/2022 - 12/2023

- Developed and maintained front-end and back-end components, ensuring responsive, high-performance applications.
- Collaborated with team members to design and implement new features, addressing key functionality.
- Integrated third-party APIs, resolved technical issues, and optimized code.
- Documented processes and provided technical support to team members.

Skills

Python, Flutter, MySQL, Linux, C/C++, Computer Skills, Troubleshooting

Education

College Of Engineering Aranmula | Pathanamthitta, Kerala

Computer Science and Engineering | 03/2025

Languages

English, Hindi, Malayalam

Projects

- **Inventory Management System**
Developed a system to manage inventory items, track stock levels, and streamline ordering processes. Implemented user authentication, search functionalities, and real-time data updates.
- **Student Record Tracking System**
Created a system for tracking and managing student information, including academic records, attendance, and personal details, to improve data accessibility and reporting for educational institutions.
- **Driver Distraction Detection System**
Designed and implemented a system utilizing computer vision techniques to detect driver distraction in real-time, enhancing road safety through predictive alerts for distracted behavior.
- **Geo-Location Based Biometric Enabled Attendance Tracking System**
Built an attendance tracking system that combines geolocation and biometric authentication to ensure accurate attendance records, specifically for remote or on-site environments.

Seminars & Volunteering

- Conducted seminar and published a paper on the topic "Computer Vision Based Transfer Learning-Aided Transformer Model for Fall Detection and Prediction"
- NSS Volunteer
Actively participated in community service initiatives, promoting social awareness and engaging in various outreach programs.
- Lead of Cybersecurity, GTech Mulearn Community
Led efforts to enhance the cybersecurity practices of communities by conducting workshops and training sessions for community members on best security practices.