

CYRIL MARTIN

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Skills

Languages: Java, C++, C, Python, JavaScript

Frameworks: ReactJS, NextJS, React Native, ExpressJS

Developer Tools: Git, GitHub, Visual Studio Code, Postman, LaTeX, Power BI, Tableau, Figma, Canva

Libraries: pandas, NumPy, Firebase, Expo, OpenCV

Databases: MongoDB, MySQL

Soft Skills: Leadership, Problem-solving, Adaptability, Communication, Public Speaking, Documentation, Teamwork

Education

ISE — Cambridge Institute of Technology, Bengaluru

CGPA: 8.43 (Up to 6th Sem) — 2026

XII (PUC) — St. Joseph's PU College, Bengaluru

89.5% — 2022

X (ICSE) — New Millennium School, Bengaluru

94.4% — 2020

Experience

- **Software Developer Intern – THWorks [Remote]** (Feb 2025 – Apr 2025)
 - Worked on software development tasks including coding, debugging, and assisting in application testing.
 - Used technologies like Node.js, React.js, HTML, and CSS.
 - Contributed to designing and refining mobile UI screens for improved user experience.
- **Contributor — GirlScript Summer of Code [Remote]** (May 2024 – Aug 2024)
 - Ranked 814 out of 27,000+ participants globally in the program.
 - Contributed bug fixes and enhancements via GitHub — merged a pull request and opened 8+ meaningful issues.
- **Summer Intern – Anay Group [Remote]** (May 2024 – July 2024)
 - Developed an MVP for a dating app using the no-code platform Adalo, implementing core matchmaking features and refining the user flow.
 - Focused on optimizing UI components, integrating essential app functionalities, and ensuring a smooth user experience.
 - Gained hands-on experience in rapid prototyping and no-code development methodologies.

Projects

- **Cyril's Chaats – Full Stack Food-Ordering Web App [Live] [GitHub]**
 - Developed a full-stack food ordering platform with dynamic order form, QR code UPI payments, and MongoDB Atlas for transaction storage.
 - Built REST APIs using Node.js, secured environment variables, and deployed the app on Vercel.
 - Tech Stack:** JavaScript (ES6+), Node.js, MongoDB Atlas, REST API, Git/GitHub, Vercel
- **PicTune – AI Mood & Music Matcher [Live] [GitHub]**
 - Built a responsive AI-powered web app that analyzes images/videos to detect emotional moods and recommends matching music tracks.
 - Integrated facial emotion detection (OpenCV), color-based mood analysis (ColorThief, NumPy), and responsive design with Streamlit + CSS.
 - Tech Stack:** Python, Streamlit, OpenCV, ColorThief, NumPy, CSS
- **CITech Buzz – Notification App [GitHub] [Demo]**
 - Built a React Native mobile app to deliver real-time academic and event notifications by syncing directly from the codebase.
 - Tested and showcased functionality using Expo Go with smooth notification delivery.
 - Tech Stack:** React Native, JavaScript, Expo Go, Git/GitHub
- **AI-Enabled Wildlife Detection & Alerting System (Ongoing) [Colab]**
 - Developed an AI-powered system (prototyped with YOLOv8 and later using Google Gemini API) to detect and classify wild animals from images/videos to mitigate human-wildlife conflict.
 - Implemented geofencing-based alerts, real-time notification triggers, and simulated sensing workflows for end-to-end surveillance.
 - Tech Stack:** Python, Google Gemini API, OpenCV, Deep Learning, Computer Vision

Positions of Responsibility

- **Core Team (Dev Team) — GDSC, CIT** (Dec 2023 – June 2024)
 - Organized hackathons and tech sessions for 350+ students on emerging technologies and software development practices.
- **Cultural Coordinator & College Band (Hindustani Flautist) — CIT** (2022 – Present)
 - Managed and coordinated intra- and inter-college cultural events, ensuring smooth communication and execution.
 - Represented the college at major cultural events, academic seminars, and days of national importance.

Certifications

- **Evaluation and Light Customization of LLMs (Nvidia)**
- **Intro to Machine Learning (Kaggle)**
- **Postman API Fundamentals (Postman)**
- **Build an NLP solution with Azure AI (Microsoft)**
- **Introduction to Generative AI (Google)**
- **Digital Marketing Certificate (Google)**