

CATHERINE P LAIJU

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

DOB – 23/11/2004

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SKILLS & INTERESTS

- **Technical Skills:** C, Python, Java, HTML, CSS, JS, SQL, DBMS, Next.js, Express.js, React, Supabase, PostgreSQL, Visual Studio Code, Git
- **Soft Skills:** Problem Solving, Team Collaboration, Time Management, Attention to Detail, Critical Thinking
- **Interests:** Data Analysis, Databases, Web Development, Artificial Intelligence, Machine Learning, UI/UX Design

EDUCATION

- **Albertian Institute of Science and Technology** 2026
KTU, B.Tech in Computer Science and Engineering 7.57 (till S6)
- **Bhavan's Adarsha Vidyalaya** 2022
CBSE, 12th 88.4%
- **Bhavan's Adarsha Vidyalaya** 2020
CBSE, 10th 93.6%

WORK EXPERIENCE

- **Unified Mentor | Full Stack Web Development Intern** OCT 2025-JAN 2026
Completed a full stack web development internship, contributing to real world projects and advancing expertise in end to end application development under professional mentorship.
- **Jyesta Technologies | Full Stack Web Development Intern** JULY-SEPT 2025
Completed an intensive full stack training program covering React, Node.js, Express.js and PostgreSQL.
- **TechmindZ | Python Development Intern** JUNE 2025
Developed Python modules for training projects and automation, improving workflow efficiency.
- **Techbyheart | Robotics Intern** MAY 2023
Gained a basic understanding of robotics concepts, sensors and actuators.

PROJECTS

- **Xpenzo - Expense Tracker | [Project Link](#) | React, Node.js, Express, Supabase** Team Size:1
 - Full-stack app with secure authentication, cloud storage, Excel export, category-wise analytics & advanced search filters.
 - Responsive UI with smooth navigation, deployed backend on Render & frontend on Netlify for real-world usability
- **Campus Marketplace | Next.js, Express.js, Supabase** Team Size:4
 - Built a secure student-only platform with user verification, admin moderation, and real-time messaging.
 - Added advanced search filters and responsive UI, improving transaction efficiency and user experience.
- **What's in My Fridge? | HTML, CSS, JS, Spoonacular API** Team Size:1
 - Full-stack recipe app that suggests meals from user-input ingredients, integrating Spoonacular API for dynamic results with images, steps & nutrition.
- **AI Study Assistant | React, Vite, Tailwind CSS, Node.js, Express, Supabase, Hugging Face API** Team Size:1
 - Built a full-stack AI-powered study assistant integrating Hugging Face models and Supabase to deliver real-time summarization, Q&A, and persistent notes management.
- **Gesture-Based HCI (Keyboard + Virtual Paint) | Python, OpenCV, MediaPipe, NumPy** Team Size:1
 - Engineered real-time gesture-controlled applications enabling virtual typing and air-drawing, showcasing advanced computer vision and Human-Computer Interaction skills.

CERTIFICATIONS & WORKSHOPS

- **The Joy of Computing Using Python:** Completed certification from NPTEL in association with IIT Ropar.
- **Artificial Intelligence Fundamentals:** Earned certification from IBM SkillsBuild, September 2025.
- **The Complete Full-Stack Web Development Bootcamp:** Completed comprehensive training via Udemy.
- **Software Engineering Job Simulation:** Successfully participated in this job simulation from J.P. Morgan Chase & Co, 2025.
- **Data Analytics Job Simulation: Deloitte** via Forage – Data analysis & forensic technology, October 2025
- **React Bootcamp:** Completed intensive bootcamp certified by LetsUpgrade, NSDC & ITM Edutech, September 2025.