

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 KTU, B.Tech in Computer Science and Engineering	2026
• Bhavan's Adarsha Vidyalaya CBSE, 12 th	2022 88.4%
• Bhavan's Adarsha Vidyalaya CBSE, 10 th	2020 93.6%

WORK EXPERIENCE

• Unified Mentor Full Stack Web Development Intern	OCT 2025-PRESENT
Currently pursuing 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	
○ Built a secure student-only platform with user verification, admin moderation, and real-time messaging.	Team Size:4
○ Added advanced search filters and responsive UI, improving transaction efficiency and user experience.	
• What's in My Fridge? HTML, CSS, JS, Spoonacular API	
○ Full-stack recipe app that suggests meals from user-input ingredients, integrating Spoonacular API for dynamic results with images, steps & nutrition.	Team Size:1
• AI Study Assistant React, Vite, Tailwind CSS, Node.js, Express, Supabase, Hugging Face API	
○ 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.	Team Size:1
• Gesture-Based HCI (Keyboard + Virtual Paint) Python, OpenCV, MediaPipe, NumPy	
○ Engineered real-time gesture-controlled applications enabling virtual typing and air-drawing, showcasing advanced computer vision and Human–Computer Interaction skills.	Team Size:1

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.