

# 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

• <b>Albertian Institute of Science and Technology</b> KTU, B.Tech in Computer Science and Engineering	2026
• <b>Bhavan's Adarsha Vidyalaya</b> CBSE, 12 <sup>th</sup>	2022 88.4%
• <b>Bhavan's Adarsha Vidyalaya</b> CBSE, 10 <sup>th</sup>	2020 93.6%

## WORK EXPERIENCE

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

## PROJECTS

• <b>Xpenzo - Expense Tracker   <a href="#">Project Link</a>   React, Node.js, Express, Supabase</b> ○ 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	<b>Team Size:1</b>
• <b>Campus Marketplace   Next.js, Express.js, Supabase</b> ○ 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.	<b>Team Size:4</b>
• <b>What's in My Fridge?   HTML, CSS, JS, Spoonacular API</b> ○ Full-stack recipe app that suggests meals from user-input ingredients, integrating Spoonacular API for dynamic results with images, steps & nutrition.	<b>Team Size:1</b>
• <b>AI Study Assistant   React, Vite, Tailwind CSS, Node.js, Express, Supabase, Hugging Face API</b> ○ 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.	<b>Team Size:1</b>
• <b>Gesture-Based HCI (Keyboard + Virtual Paint)   Python, OpenCV, MediaPipe, NumPy</b> ○ Engineered real-time gesture-controlled applications enabling virtual typing and air-drawing, showcasing advanced computer vision and Human–Computer Interaction skills.	<b>Team Size:1</b>

## 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.