

# SOPHIA DANICA P. TAN

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## TECHNICAL SKILLS

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- Languages: JavaScript, Python, Java, C, C++, PHP, SQL
- Frontend Frameworks: React, React Native, Next.js, Tailwind CSS
- Backend and Databases: Node.js, Express.js, MongoDB, PostgreSQL
- Tools & Platforms: Github, Git, VS Code, Vercel
- Certifications: IT Specialist – Python, PMI Project Management Ready

## PROJECTS

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### Portfolio Website

August 2025 – September 2025 | Frontend Development (React, Tailwind, Vite)

- Built a responsive personal portfolio website showcasing projects, skills, and certifications.
- Deployed the site for public access and professional use.

### ABaKaDa+ (Academic Thesis)

January 2025 – July 2025 | Mobile App Development (Flutter, Dart, Firebase)

- Built a gamified Tagalog learning app with levels, rewards, and trophies to boost engagement.
- Used Convolutional Neural Network and Dynamic Time Warping algorithms for handwriting recognition and speech validation.
- Designed UI/UX in Figma and implemented in Flutter with testing via Flutter Test & Integration Test.
- Collaborated with an Agile team, contributing to sprint planning, feature testing, and stakeholder demos.

### Code Lounge

May 2024 – July 2024 | Full Stack (HTML | CSS | PHP | MySQL)

- Designed and developed a Cyber Café Management System to streamline operations, enhance user management, and optimize resources for small internet café businesses.
- Created several frontend pages like home page, login page, and user and admin dashboard
- Led the development of backend login and algorithms
- Utilized MySQL to store and retrieve records

## EDUCATION

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- **FEU Institute of Technology**  
Bachelor of Science in Computer Science | Major in Software Engineering  
2022-Present

## ORGANIZATIONS

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- **Member**  
FEU Tech Association for Computing Machinery Student Chapter  
FEU Institute of Technology  
A.Y. 2023
- **Creatives Committee Officer**  
Google Developer Student Clubs - FEU Institute of Technology  
FEU Institute of Technology  
A.Y. 2023
- **Junior Officer**  
FEU Tech Freshmen Society  
FEU Institute of Technology  
A.Y. 2023
- **Member**  
Association of Student Technopreneurs and Innovators - FEU Tech  
FEU Institute of Technology  
A.Y. 2022