

# Bea Therese Y. Paras

Junior Software Engineer

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GitHub: [Bea's GitHub](#)



Full-stack oriented Junior Software Engineer with hands-on experience in building responsive user interfaces and developing backend features for real-world projects. Equipped with a strong foundation in HTML, CSS, JavaScript, Java, C++, and database-driven applications. Skilled in React, Tailwind, Firebase, MySQL, and currently expanded expertise in TypeScript, MongoDB, backend API development, and early-stage experimentation with AI-driven features such as recommendation systems and basic ML workflows. Known for adaptability, strong collaboration skills, and a consistent drive to learn and explore new technologies. Seeking opportunities to contribute to impactful, scalable, and user-centered software solutions.

## EDUCATION

**FEU Institute of Technology**

Manila, Philippines

**BS Computer Science with Specialization in Software Engineering**

2021 - 2025

- Frontend Developer, GatherinManila: A Machine-Learning Powered Event Aggregation and Recommendation Application
- Member, FEU Tech Association for Computing Machinery (ACM), 2021-2023
- Member, FEU Tech Junior Philippine Computer Society (JPCS), 2021-2022
- Dean's Lister, 2021-2022

**Wellspring High School**

Tarlac, Philippines

**JHS-SHS Science, Technology, Engineering, and Mathematics**

201G - 2021

- With Honors Awardee

## PROJECT WORKS

**FEU Institute of Technology**

Manila, Philippines

**BS Computer Science with Specialization in Software Engineering**

2021 - 2025

- **GatherinManila: A Machine-Learning Powered Event Aggregation and Recommendation Application**
  - My team and I developed a content-based recommendation system utilizing K-Nearest Neighbor (KNN) and Cosine Similarity algorithms to enhance event discovery in Manila City. Integrated Firebase to manage user authentication and store preferences, allowing secure, personalized recommendations. Implemented a data extraction mechanism to centralize event details from social media and business sites, while designing an intuitive Android Studio interface for seamless user interaction and browsing.
- **Bea's Passport Appointment System (BPAS)**
  - Developed BPAS (Bea's Passport Appointment System), a desktop application for efficient passport appointment scheduling, using Java Swing and MySQL. Built an intuitive interface to streamline user appointment booking and management, with an admin dashboard for handling appointments and user data securely. Leveraged MySQL for reliable data storage and retrieval, while implementing automated confirmations to improve the user experience.
- **Billing System**
  - Developed a billing system using Java Swing and NetBeans, designed to simplify billing operations with an intuitive user interface. The system enables efficient invoice generation, calculation, and record management, offering streamlined workflows for billing management.

## LEADERSHIP EXPERIENCE

**CS Chairman - TICAP 18 at FEU Institute of Technology | 2025**

- I oversaw the planning and execution of our batch's thesis and capstone showcase. I managed committees, coordinated logistics, and ensured smooth event operations. Additionally, I took on the role of host/emcee, engaging the audience and facilitating the program flow.

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## INTERNSHIP EXPERIENCE

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### GlobalTek — Full-Stack Development Intern | 2025

- Led the development of a multi-section company website, contributing to architectural decisions and overall feature planning.
- Built responsive and dynamic frontend interfaces using React, Tailwind CSS, and Framer Motion, ensuring consistent UI/UX across pages.
- Implemented backend logic for an internal project, including API integration, data processing, and server-side functionality.
- Collaborated on database structuring and data flow to support both frontend and backend requirements.
- Worked closely with designers and senior developers to align technical output with project specifications and performance goals.

## OTHER

- **Technical Skills:** C++, Java, Python, JavaScript, JavaSwing, HTML, CSS, PHP, ReactJS, SQL, MySQL, Android Studio, Cisco
  - **Certifications s Trainings:** DevNet Associate (2024), CCNA: Introduction to Networks (2023), IT Specialist - Python (2023), IT Specialist - Java (2022)
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