

# Jasmin Ivy C. Fedilo

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## Profile

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As a frontend web developer, I'm passionate about crafting intuitive and visually appealing user interfaces. I'm proficient in UI/UX design and continuously refining my skills while actively exploring additional programming languages to broaden my technical expertise. I'm committed to continuous learning and growth, eager to apply my technical knowledge and creative mindset to contribute to innovative projects and drive exceptional digital experiences.

## Experience

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### Google Developer Groups on Campus PUP (GDG PUP)

*UI/UX Co-Lead* | October 2023 – Present

- Spearheaded UI/UX initiatives, leading design projects and guiding a team of 130+ members.
- Organized and facilitated multiple **Study Jams** and **workshops**, equipping members with practical UI/UX skills and industry insights.
- Collaborated with developers and designers to create innovative user-centered projects and improve community engagement.

### PUP Hygears

*UI/UX Consultant* | September 2023 – Present

- Provided UI/UX expertise in the development of the **PUP Hygears website**, ensuring accessibility, usability, and a visually appealing interface.
- Supported the organization's mission of **enhancing research recognition and technological innovation** at PUP.
- Contributed to projects that aim to **tackle real-world issues** through innovation and collaboration in engineering and technology.

### ICPEP Student Edition - PUP Manila (Institute of Computer Engineers of the Philippines – Student Edition)

*Founding Member, Media & Publications* | October 2024 – Present

- Played a key role in establishing the **organization's branding and identity**, ensuring a professional and cohesive visual theme.
- Managed **media and publication efforts**, helping create promotional materials and engaging content to boost community awareness.
- Assisted in planning events and initiatives, fostering a supportive environment for computer engineering students.

## Organizations & Affiliations

*(Active Member & Event Participant)*

- **AWS Cloud Club PUP** – Engaging in cloud computing learning sessions and networking events.
- **PUP The Programmers' Guild** – Participating in software development activities.
- **PUP Microsoft Student Community** – Attending tech-related events, workshops.
- **JBCEP – Junior Blockchain Education Consortium of the Philippines (PUP Manila Chapter)** – Exploring blockchain technology and its applications through discussions.

## Education

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### COLLEGE

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES (PUP)

- Bachelor of Science in Computer Engineering (BSCpE)

### ELECTIVES (2017-2019)

- Journalism
- Multimedia Arts
- Theater Arts

### SENIOR HIGH SCHOOL (2021-2023)

ANGONO NATIONAL HIGH SCHOOL

- **Grade 12** - With Highest Honors
- **Grade 11** - With High Honors

## Technical Skills

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### UI/UX Design

- **Wireframing & Prototyping:** Figma
- **Design Systems & Components:** Creating reusable UI elements for consistency
- **Responsive & Accessible Design:** Ensuring usability across different devices and audiences
- **UI/UX Principles:** User-Centered Design (UCD), Design Thinking

### Frontend Development

- **Programming Languages:** Python, JavaScript
- **Tools & Frameworks:** HTML, CSS, JavaScript, React.js, Tailwind, Materials UI
- **Version Control:** Git, GitHub
- **Database Basics:** SQL (MySQL, SQLite)
- **Software Development Concepts:** Object-Oriented Programming (OOP), Data Structures
- **Collaboration & Tools:** GitHub, VS Code

## Projects

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### ALERTECH (*Alertong Arduino Hackathon Project*)

- Developed **Alertech**, an integrated fire detection and alert system comprising a **mobile app, website, and IoT device**.
- Enabled **real-time monitoring** of temperature, humidity, and smoke levels, providing instant alerts to users and fire authorities.
- Collaborated with **four blockmates** to design and implement the system during the **Alertong Arduino Hackathon**.

### Sparkfest 2025 Hackathon Website (*Google Developer Groups on Campus PUP – GDG PUP*)

- Contributed as **UI/UX Co-Lead** to design and develop the official website for **Sparkfest 2025**, a **week-long hackathon** aimed at solving real-world challenges with innovative tech solutions.
- Focused on **user experience, accessibility, and interface consistency** to enhance participant engagement.

### Arduino Day Website

- Led UI/UX efforts in collaboration with the **web development team** to create an engaging website for **Arduino Day**, an international event celebrating Arduino's impact.
- Ensured a **user-friendly interface** that aligned with the global event's branding and provided key event details.

### DSA Project (*Data Structures & Algorithms Case Study Presentation*)

- Designed and developed an interactive educational project as part of a Data Structures & Algorithms (DSA) case study presentation. The project combined **UI/UX design and development** to create an engaging learning experience for complex algorithmic concepts.