

# Czarina Krisel S. Cuarez

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<https://www.czarinacuarez.me/> | <https://github.com/czarinacuarez>

## TECHNICAL SKILLS

**Languages:** Java, Python, PostgreSQL, SQL/MySQL, PHP, Javascript, Typescript, CSS

**Frameworks:** Firebase, Laravel, TailwindCSS, ArgonCSS, Bootstrap, Flutter, Nest JS

**Developer Tools:** Git, Android Studio, VS Code, PyCharm, IntelliJ, Netbeans

**Libraries:** HTML, PHP Unit, Jitsi, React, Material Tailwind, Flowbite, SwiperJS

## WORK EXPERIENCE

### Software Developer Intern

December 2024 - February 2024

*JLabs*

- Contributed to a real company project, improving collaboration skills with Git and following Agile and Scrum processes to meet project goals.
- Took responsibility for both front-end and back-end development, improving my skills in Laravel, React, Typescript, Nest.js, Tailwind CSS, Bootstrap, and PostgreSQL.

## PROJECTS

### MuzonEcoSave | *React, Firebase, Git, Kotlin, TailwindCSS, Arduino*

May 2024 – October 2024

- An IoT system with an embedded touchscreen mobile application that uses QR code scanning to convert plastic bottles into redeemable points for printing rewards accessible via the web.
- Achieved 90% accuracy in bottle-to-point conversion and improved counting speed by 80%, ensuring 80% operational availability of the reverse vending machine.

### Sibol | *Gemini, Firebase, Flutter, Git*

April 2024

- A mobile application that provides a complete end-to-end solution for plant identification, care recommendations, and urban farm setup guidance.
- Used an open source AI that utilizes image inputs with specific prompts.

### Pet Adoption Management System | *TailwindCSS, Laravel, MySQL, Git, Jitsi*

April 2023 – March 2024

- A full-stack web application that streamlines the pet adoption process for a non-profit organization.
- Integrated various APIs including JitsiAPI for video calls, GoogleAPI, PH Locations API, Semaphore API for SMS notification and Web3Form API.
- Achieved key goals including promptly informing 80% of adopters about their application status, reducing inquiries about adopted pets by 90%, and speed up inquiries related to partnerships, collaborations and donations by 90%.

## ACHIEVEMENTS

- Secured **First Place** in Reinventing Cities: Design for Smart and Sustainable Cities at DOST-NCR October 2024
- Won **Champion** on InnOlympics 2024: GDSC-PLM Hackathon April 2024

## TRAININGS

### AWS re/Start Program Graduate

July 2024 - October 2024

*Amazon Web Services*

- Gained hands-on experience with AWS core services (EC2, S3, IAM, VPC) and explored Lambda, RDS, CloudFormation, and Route 53. Acquired practical knowledge of cloud fundamentals and AWS services for real-world applications.

### Google Developers Student Club Lead

August 2023 - June 2024

*Google Developers*

- Selected by Google Developers to establish and lead the first GDSC chapter at NU Fairview, facilitating tech events and leading web-based projects in collaboration with various organizations.

## EDUCATION

### National University Fairview

Quezon City, Metro Manila

*B.S in Information Technology with Specialization of Mobile and Internet Technologies*

*Aug. 2021 – Present*

- Dean's List: First Honors and Blue Scholarship Recipient (2021 - Present)