Froilan Zarate Jr

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Professional Summary Objective

Aspiring software engineer and other fields in the tech industry with a Bachelor of Science in Computer Science at San José State University. Currently focusing on honing my software skills by developing new projects and completing industry-software courses. Everything I have done and learned is logged on my website.

Education

San José State University   *Aug. 2022 – May 2025*
- Bachelor of Science in Computer Science, *Magma Cum Laude*

Skills

Python, C++, C#, C, Java, TypeScript, MySQL, Flask, Git, Touch Typing (120WPM)

Docker, React, Jenkins, Spark, Agile

Significant Projects

Portfolio Website | Personal | https://www.froilanzaratejr.com   *Jul. 2025 – Current*
- All **10+ projects** organized with **demo videos**, **project galleries**, and **project descriptions**
- Implemented with **React** and **Next.js**; deployed with **Vercel**

Banking Application | School | https://github.com/Jjmaxxx/onlinebanking   *Feb. 2025 – May 2025*
- Worked with a **group of 4** and used **scrum meetings** to plan **sprints** and review progress
- Uses **Node.js**, **Flask**, and **MySQL**, all separated into their own **Docker** containers
- Developed with **Google OAuth API** for **user authentification**

Bug Tracker | School | https://www.froilanzaratejr.com/projects/bug-tracker   *Aug. 2023 – Dec. 2023*
- Worked with a **group of 3** and used **AGILE** to track and maintain progress
- Involved **UML diagrams**, **specification documents**, and **JavaFX API**

Hobby Projects

Cinket | Personal | https://cinket.com | Password: *Limitless*   *Aug. 2024 – May 2025*
- Uses **Cloudflare** and **Octauthent** for **password authentication**; deployed with **Vercel**
- Uses **JavaScript** to query and display **100+ table entries**

K4T | Club | https://froilan-zarate.itch.io/k4t   *Feb. 2024 – May 2024*
- Collaborated with **20 developers** using **GitHub workflow** and **C++** in a **Unity** game project

Service Experience

Milpitas Star Aquatics & Fitness | Front Desk Receptionist   *Aug. 2024 – Current*
- Created a **C# script** to **automate closing announcements** and **procedures**

Teasociety | Cashier & Barista   *Aug. 2022 – Feb. 2023*
- **Memorized** the process of making **+40 drinks** in under **1 week**