Eros Anthony J. Serrano

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SUMMARY

- **Software Engineer** with a **Bachelor of Science in Information Technology** from the University of Nueva Caceres.
- Experienced in developing and maintaining **web and mobile applications** using **C#**, **Java**, **SQL**, **Next.js**, **TypeScript**, **Python**, **Flutter**, and **Tailwind CSS**.
- Skilled in system design, application optimization, and integration, with hands-on experience in **Google Firebase** and **RESTful API** consumption.
- Strong problem-solving, debugging, and critical thinking abilities, with ability to work efficiently under pressure.
- Collaborates effectively in **Agile environments**, delivering high-quality solutions on time and within scope.

SKILLS AND ABILITIES

Programming Skills

- Successfully have a background knowledge in programming languages such as **C++**, **C#**, **Java**, **SQL**, **Python**, **Typescript**, **Next.js**, and **Dart**.
- Implement an Object-oriented programming (OOP) style to produce an efficient system.
- Developed a **SaaS application** by working on both the **frontend** (using **Next.js**, **TypeScript**, and **Tailwind CSS**) and **backend** (integrating applications with **Python**)
- Optimized and maintained a WordPress website, improving performance for both **web and mobile** platforms
- Developed a **reservation and inventory management system** for the memorial park using **C#** and **Microsoft SQL**.
- Developed a basic **dance class registration** web system application using **C#** and **SQLite**.
- Developed a **memorial park information management system** using **Flutter/Dart** and **Google Firebase**.
- Developed a simple **dance contest scoring** system using **Java** and **SQLite**.
- Proficient in using **Git** for version control, including managing repositories, branching, and merging code
- Successfully deployed code to **Atlassian Bitbucket** for continuous integration and version management
- Familiar with workflows involving pull requests, code reviews, and team collaboration
- **Experienced in consuming and integrating RESTful APIs** to connect frontend and backend systems, ensuring smooth data exchange and enhanced application functionality.

Technical Skills

- **Graphic Design:**
  - Proficient in **Adobe Photoshop** and **Illustrator** design tools.
- **Video and Music Editing:**
  - Skilled in **Sony Vegas Pro**, **Mixpad**, and **FL Studio** for video editing and sound production.
  - Expertise in **video editing**, **audio mixing**, and creating engaging multimedia content.

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Communication Skills
- ▪ Collaborated effectively with teams, actively listening to others' ideas and offering constructive feedback.
- ▪ Delivered clear and impactful messages to diverse audiences, demonstrating strong verbal and written communication skills.
- ▪ Confident in presenting ideas and information to both technical and non-technical stakeholders.

WORK EXPERIENCE

Software Engineer
Cloud Ready Technologies Corp
January 26, 2024 - Present
Registered Address: Unit 707, One Park Drive, 11th Drive, corner 9th Ave, Taguig, LA, 1634 Metro Manila, Philippines
Work Location: 222 Dinaga St. Naga City, Camarines Sur, Philippines

Key Responsibilities:

- **Frontend Development:** Lead frontend development of a **Secgra** SaaS application, utilizing **Next.js**, **TypeScript**, and **Tailwind CSS** to create responsive, scalable, and high-performing user interfaces.
- **Client Project:** Optimized the website of **Caffeine Solutions** (a client from Singapore) by leveraging **WordPress** to improve website performance for both web and mobile platforms.
- **Backend Integration:** Worked with **Python** to integrate and connect external applications with the **Secgra** SaaS system, ensuring seamless communication between services.
- **API Integration:** Consumed **RESTful APIs** to fetch and send data between the frontend and backend systems, ensuring smooth data flow and enhanced application functionality.
- Collaborated with cross-functional teams, including backend developers and designers, to deliver high-quality solutions.
- Assisted in troubleshooting and resolving technical issues while maintaining code quality and efficiency.

TRAINING/CERTIFICATION

Solo Learn Certifications
- Python Core Course   October 01, 2018
- HTML Course   January 08, 2020
- CSS Course   February 05, 2020
- JavaScript Course   February 15, 2020
- JQuery Course   February 24, 2020
- PHP Course   March 26, 2020

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Cisco Certifications
- Introduction to Networks — January 31, 2022
- Introduction to Cybersecurity — July 22, 2022
- Cybersecurity Essentials — November 13, 2022

University of Nueva Caceres Certifications
- Fundamentals of GIT and GitHub Certification — October 05, 2022

Amazon Web Services Training and Certification
- AWS Educate Introduction to Cloud 101 — April 29, 2023

EDUCATION

Bachelor of Science in Information Technology — June 2023
University of Nueva Caceres

ACHIEVEMENTS

- **English Immersive Environment (EIE) - 5 Minute Champ (2nd Year)** — December 2019
  University of Nueva Caceres
- **Academic Excellence Award - 2nd Honors (GWA of 1.3)** — June 19, 2023
  University of Nueva Caceres
- **Top 3 in Best Capstone Project**
  - Memorial Park Information Management System — June 19, 2023
  University of Nueva Caceres

REFERENCES

Mrs. Agnes T. Reyes, MIT
Dean of College of Computer Studies
University of Nueva Caceres
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