Lance Gabrielle S. Arevalo

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TECHNOLOGIES AND LANGUAGES

- Languages: JavaScript/TypeScript, Python, Go, Java
- Frameworks: React, Next.js, Express, FastAPI
- Technologies: MySQL, Postgres, AWS, Git, Linux, Vercel

WORK EXPERIENCE

Business Applications Intern   **July - August 2022**
NOAH Business Applications   Makati, Philippines

- Conducted rigorous testing and quality assurance of 30+ application modules, ensuring functionality and adherence to specifications.
- Developed and maintained comprehensive documentation for the company's application product, facilitating seamless collaboration with various stakeholders.
- Utilized manual testing methods and employed Python automation scripts to accelerate the validation of document data, resulting in faster and more efficient processes.

Student Developer   **September 2020**
Saint Louis University - COMELEC   Baguio, Philippines

- Created dynamic web pages for the school's student council election, including a login page and an admin dashboard, using HTML5 and CSS3.
- Collaborated with a team of developers to implement user-friendly interfaces and ensure seamless functionality of the web pages.

PROJECTS

- **Voice Separation System** - *React (Next.js), Python, PostgreSQL, Apache Kafka & Airflow, S3, Docker*

  Designed and executed a voice separation system that leverages a processing pipeline, containerization, distributed system architecture, and object storage with a mobile application in the frontend. See the source on GitHub.

- **Gentoo (Social Network)** - *React (Next.js), Go, Python, MySQL*

  Built and designed a social media platform to demonstrate the use of BERT model/s on Hate Speech moderation. See the source on GitHub.

- **Guessing Game** - *Java, Python, CORBA, Swing, Tkinter*

  Developed distributed systems using CORBA, utilizing Python and Java for seamless integration and efficient communication between networked components. See the source on GitHub.

EDUCATION

Saint Louis University   **2019-2023**
BsC, Computer Science   Baguio, Philippines

HONORS AND AWARDS

- **Graduated Magna Cum Laude:** 2023
- **Dean's Lister:** 2019 - 2023
- **Runner Up at 14th National Business Idea and Development (BIDA)'s National Competition:** September 2020