



Danzel M. Fernandez

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Summary

Highly motivated and detail-oriented individual with a strong foundation in software development, system administration, and database management. Proficient in programming languages such as Python, JavaScript, and C#, with hands-on experience in developing web and mobile applications through academic projects.

Education

Laguna State Polytechnic University – Santa Cruz

Bachelor of Science in Information Technology, October 2021 – Present

AVM Foundation

Information and Communication Technology, June 2019 - April 2021

Technical Skills

- **Frontend Development:** Proficient in building responsive user interfaces using React, React Native, and JavaScript.
 - **Backend Development:** Experienced in developing backend systems using Python (Flask) and integrating Backend-as-a-Service (BaaS) platforms like Appwrite.
 - **Database Management:** Skilled in designing and managing relational databases such as MySQL.
 - **API Implementation:** Adept at creating and integrating RESTful APIs for seamless frontend-backend communication.
 - **Version Control:** Proficient in using GitHub for version control and collaborative development.
 - **Networking Basics:** Understanding of TCP/IP, HTTP/HTTPS protocols, and client-server architecture.
 - **Development Methodologies:** Familiar with agile workflows and software development lifecycle (SDLC) best practices.
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Relevant Project

FLECO Consumer Complaint Management System

- Developed a mobile application for FLECO consumers to submit complaints about issues such as power outages and defective meters.
 - Created an admin website for FLECO staff to monitor, manage, and resolve complaints in real time.
 - Integrated location-based features using React Native to allow users to select complaint locations on a map.
 - Utilized Python Flask for backend development and Appwrite as the backend-as-a-service (BaaS) platform for database and authentication.
 - Implemented features such as real-time complaint tracking, crew assignment, and task resolution monitoring.
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Achievements

- **1st Place - Java Programming Competition, CCS Days, Laguna State Polytechnic University, 2023**
Demonstrated advanced Java skills and problem-solving techniques, outperforming peers from the College of Computer Studies.
 - **Participant – UMAK IT Olympics, 2023**
Represented Laguna State Polytechnic University in a competitive inter-university programming competition held in the Philippines, showcasing teamwork and technical skills.
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Certificates

Cybersecurity Awareness: Empowering Students to Take Control of Their Digital Lives

Laguna State Polytechnic University - Sta. Cruz, Laguna, May 2024

SERVER

Laguna State Polytechnic University - Sta. Cruz, Laguna, May 2024

Cyber Attack Readiness: Proactive Measures for a Secure Future

Laguna State Polytechnic University - Sta. Cruz, Laguna, May 2024

AI: How the technology can be utilized responsibly and reliably as Human support

DICT, October 2023