ALEC JOSEF C. SERRANO

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Professional Summary

A highly motivated and detail-oriented Computer Programming professional with a solid foundation in software development, database administration, and web technologies. Adept at working with multiple programming languages and operating systems, with a strong analytical mindset and problem-solving capabilities. Passionate about developing innovative solutions and improving system efficiency, scalability, and security. Ready to contribute to your team's success with a blend of technical expertise and enthusiasm for tackling new challenges.

Education

Seneca Polytechnic, Ontario, Canada
Ontario College Diploma in Computer Programming
December 2024

- Gained expertise in programming, database administration, web development, and distributed programming techniques.
- Proficient in Windows, UNIX, Linux, and IBM Business Computing.
- Developed strong skills in data communication, system security, and software problem-solving.
- Hands-on experience in internet client and server-side development, database system design, and maintenance.

Southern Luzon State University (SLSU), Lucban, Quezon, Philippines
Bachelor of Science in Electrical Engineering (5-Year Program)
June 2020

- Acquired skills in designing, developing, and testing electrical circuitry, digital systems, and electrical equipment.
- Focused on ethical, safe, and economical utilization of electrical energy.
- Strong foundation in engineering principles with hands-on experience in real-life applications.

Technical Skills

- **Programming Languages**: C++, Python, JavaScript
- **Web Development**: HTML, CSS, JavaScript, React, Node.js
- **Database Management**: SQL, MySQL, PostgreSQL, MongoDB
- **Operating Systems**: Windows, UNIX, Linux
- **Software Development**: Object-Oriented Programming, Software Testing, Debugging
- **System Security**: Data Communication, System Security Techniques
- **Development Tools**: Git, Docker, Kubernetes, Agile & Scrum Methodologies

Soft Skills

- Strong analytical and problem-solving abilities

- Effective communication and teamwork
- Adaptability and quick learning
- Time management and prioritization
- Attention to detail and troubleshooting expertise

Professional Development & Interests
- Enthusiastic about developing scalable web applications and optimizing system performance.
- Actively participating in coding challenges and hackathons.
- Passionate about cybersecurity and cloud computing.