MICHEAL ADRIAN V. GENER

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Professional Summary

Computer Science graduate with hands-on experience in web and software development through academic projects and personal work. Skilled in building full-stack applications using JavaScript/TypeScript, React.js, Next.js, PHP, Laravel, and MySQL. Strong problem-solving abilities with a proven track record in academic achievements, including Best in Thesis. Seeking a full-time Software Engineer or Web Developer role to apply technical expertise and contribute to scalable, user-focused solutions.

Education

City College of Calamba — *B.S. in Computer Science*
2021 – 2025
- Best in Thesis Award (TODAMOON: A Ticketing System for Tricycle Drivers' Association of Calamba using Advanced Encryption Standard Algorithm (AES))
- Ranked 8 Academic Achiever

STI College Calamba — *Diploma in IT (Mobile App & Web Development)*
2019 – 2021
- Graduated with Honors

Experience

Optodev, Inc. — *HR Intern*
Dec 2024 – Jun 2025
- Streamlined onboarding workflows and created an Excel-based barcode system for attendance tracking.
- Gained experience in documentation, data management, and process optimization.

Projects

TODAMOON – Automated Ticketing System | *Python, Java, Arduino, Next.js, Firebase*
- Designed and implemented an automated terminal ticketing system using AES encryption.
- Integrated ESP32-CAM for QR code scanning and authentication.
- Built both web and mobile applications, enabling faster and more secure transactions.

Enrollment Management System | *PHP, MySQL, Bootstrap*
- Developed a CRUD-based enrollment system to manage student records.
- Improved data management efficiency for academic workflows.

Java Library Management System | *Java, MySQL*
- Created an OOP-based library management app with CRUD functionality.
- Implemented database connectivity for persistent record storage.

Personal Portfolio Website | *React.js, TypeScript, Tailwind CSS*
- Built a personal web portfolio to showcase projects and technical skills.
- Deployed using GitHub pages.

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, PHP, Java, HTML, CSS
- **Frameworks/Libraries:** React.js, Next.js, Bootstrap, Laravel, Tailwind CSS
- **Databases:** MySQL, Firebase, SQLite
- **Tools:** Git/GitHub, VS Code, Arduino IDE
- **Soft Skills:** Effective verbal & written communication, Team collaboration, Problem-solving, Adaptability, Attention to details