



## Nicolas G. Escaros Jr.

Software Engineer

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[🌐 \[LinkedIn Profile\]](#) | [🌐 \[Web Portfolio\]](#)

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### Education

**Philippine State College of Aeronautics**

📅 2010 - 2011 | **Aviation Electronics Technology**

**Cavite State University – Don Severino Delas Alas Campus**

📅 2018 - 2023 | **Bachelor of Science in Electronics and Communication Engineering**

**Zuitt Coding Bootcamp**

📅 May 2023 - July 2023 | **Full-Stack MERN Developer (Certified)**

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### Work Experience

#### R&D Engineer | 2023 - Present

Developed and maintained **web applications** with **Vue.js** (frontend) and **Java Spring Boot (Maven)** (backend).  
Built and optimized **web applications** using **React.js**, **Node.js**, and **Spring Boot** in microservice environments.  
Contributed to building and maintaining CI/CD workflows for web applications.  
Assisted in automating deployments, managing infrastructure, and optimizing performance.  
Supported containerisation efforts (Docker + Kubernetes) for testing, staging and production environments.  
Monitored application health and resolved performance bottlenecks to improve system reliability and scalability.

#### OSP Engineer | 2020 - 2022

Led technical reviews for system performance and infrastructure scalability.  
Coordinated with clients and supervised contractors to ensure smooth project execution.  
Supported incident response and troubleshooting to ensure high uptime and reliability.

#### Product Support Engineer | 2019 - 2020

Designed and maintained system layouts integrating hardware/software for automation.  
Configured and programmed PLCs, contributing to infrastructure automation.  
Conducted product testing, troubleshooting, and collaborated with international teams.

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### Technical Skills

**Frontend Development:** React.js, Vue.js, JavaScript (ES6+), Bootstrap, HTML5, CSS3

**Backend Development:** Node.js (Express), Spring Boot, RESTful APIs

**Database Management:** MongoDB Atlas, PostgreSQL

**DevOps & Cloud Infrastructure:** CI/CD (GitHub Actions, Jenkins), Docker, Kubernetes (K8s), Terraform, Nginx,  
AWS, IBM Cloud, Vercel, Render

**Version Control:** Git, GitHub, GitLab, AWS ECR

**Testing & API Tools:** Postman, Insomnia

**Blockchain:** Hyperledger Fabric

**Operating Systems:** Linux, Windows