

# JHAMES ANDREW MACABATA

## ASSOCIATE SOFTWARE ENGINEER

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Computer Science graduate building a career at the intersection of software engineering, data, and AI—fields I find genuinely exciting because they create real-world impact. I am currently expanding my expertise in backend development, data engineering, and machine learning through hands-on projects and continuous learning.

### WORK EXPERIENCE

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#### Software/ Web Developer, 8Con Academy

June 2025 - Present

- Developed and maintained web-based systems and automation tools to support business operations and improve workflow efficiency.
- Led technical implementation and deployment processes for company websites and internal systems using modern web technologies.
- Collaborated with team members and stakeholders to deliver scalable solutions

#### CS Intern, 8Con Academy

May 2025 - June 2025

- Assisted in frontend and backend development tasks for web-based projects using modern development tools and frameworks.
- Supported debugging, testing, and system troubleshooting to improve application functionality and user experience.

### PROJECTS

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#### 8Con Edge - Thesis Project

Lead Developer

[www.8conedge.com](http://www.8conedge.com)

- Designed a 9-indicator consensus engine with ML-augmented signals.
- Built a forex fundamental analysis decision support system and deployed to production with RBAC

#### 8Con Academy Website - Internship Project

Team Lead Developer

[www.8conacademy.com](http://www.8conacademy.com)

- Developed a full-stack marketing platform for a forex trading school.
- Integrated Nodemailer for transactional emails delivering a complete lead-capture workflow.

#### Jkloting Website - Client Project

Developer

[www.jkloting.store](http://www.jkloting.store)

- Built and deployed a marketing and quote-request site for a custom apparel business.
- Implemented AJAX quote forms via Web3Forms with a fully serverless, zero-backend architecture.

#### StaySure (Hotel Cancellation Predictor) - Personal Project

Developer

[huggingface.co/spaces/neuralxjam/staysure](https://huggingface.co/spaces/neuralxjam/staysure)

- Trained a Random Forest classifier on 119,390 hotel bookings achieving F1 = 0.85 and AUC = 0.958 across LR, RF, and XGBoost baselines.

### EDUCATION

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#### Bachelor of Science in Computer Science

June 2022 - May 2026

Pambayang Dalubhasaan ng Marilao

#### Bachelor of Science in Electrical Engineering

Aug 2020 - Feb 2022

Polytechnic University of the Philippines Sta. Mesa Campus