Jonel Almazan Castillo

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Professional Summary

Aspiring **Software Engineer** with hands-on experience in **full-stack development (Flutter, JavaScript, Python)** and **IoT systems**, adept at problem-solving and Agile collaboration. Passionate about building scalable solutions, optimizing system performance, and contributing to innovative projects in a global tech environment.

Technical Skills

- **Programming:** Python, JavaScript (ES6+), Dart, PHP, HTML/CSS

- **Frameworks/Tools:** Flutter, Firebase, Linux (Fedora/Mint), VirtualBox

- **Networking:** Cisco, Network Security, IoT Protocols (GPS/Ublox NEO-7M)

- **Development Practices:** Agile Testing, Documentation, CI/CD (basic)

Education

Bachelor of Science in Information Technology (Major: Network Technology)
Batangas State University – Malvar Campus | Expected Graduation: 2025
Relevant Coursework: Software Engineering, Web Development, Network Security

Projects & Achievements

BOAT-A-LITY: IoT Water Quality Monitor (Capstone Project)

QA & Maintenance Specialist

- Led **end-to-end testing** of IoT hardware/software integration, resolving 15+ critical bugs, improving system reliability by 30%.

- Developed **technical documentation** (SOPs, test logs) adopted by faculty for future academic projects.

- Implemented **preventive maintenance protocols**, reducing deployment downtime by 40%.

Flutter Applications

- Built a **BMI Calculator** and CRUD app with Firebase Auth, serving 50+ test users.

- Utilized **shared preferences** for local storage, optimizing app performance offline.

CGT City Hall Internship

- Developed a **VB-based Excel system** to validate tax declaration duplicates, cutting manual verification time by 50%.

Professional Experience

Crew Trainer | *McDonald's, Tanauan City* | May 2019 – May 2025

- Trained 20+ new hires in operational workflows, improving team efficiency by 25%.

- Recognized for **problem-solving** during peak hours, maintaining 95% customer satisfaction.

Soft Skills

- **Leadership:** Mentored peers in academic projects and workplace training.

- **Communication:** Bridged technical and non-technical stakeholders during internships.

- **Agile Collaboration:** Worked in cross-functional teams for IoT and software projects.