

# Jose Emmanuel T. Balingit

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## Personal Profile

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Nickname: Joem

Birthdate: January 15, 2003

Age: 22

Gender: Male

Civil Status: Single

Religion: Roman Catholic

Motivated and detail-oriented Computer Science graduate with a strong foundation in software testing, DevOps practices, and automation. Experienced in developing and deploying full-stack applications, managing environments, and performing tasks such as debugging, documentation, and configuration. Proficient in Java, JavaScript, and Python, with hands-on experience in version control and automated testing. Looking to contribute to product quality and development in an Associate QA or Junior Developer role while continuing to grow in the field of software engineering.

## Education

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**Batangas State University**

**2021 - Present**

**The National Engineering University Alangilan: BS Computer Science**

- GWA: 1.5369

Dean's Lister in First Year, First Semester with 1.4130 GWA

Dean's Lister in First Year, Second Semester with 1.3370 GWA

Dean's Lister in Second Year, First Semester with 1.4457 GWA

Relevant Modules:

*Computer Programming, Introduction to Computing, Linear Algebra, Number Theory, Differential Calculus, Advanced Computer Programming, Integral Calculus, Data Structures and Algorithms, Object Oriented Programming, Discrete Mathematics, Computer Organization with Assembly Language, Computer Networking 1, Calculus-Based Physics, Numerical Methods, Design and Analysis of Algorithms, Advanced Object-Oriented Programming, Mobile Computing, Human-Computer Interaction, Data Analysis, Automata Theory and Formal Languages*

**Batangas State University - ARASOF**

**2021**

- With Honors under Science, Technology, Engineering, and Mathematics Curriculum

- Valedictorian
- Best In Computer Award

## Internship Experience

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### Rakso CT - A Creative Technology Company

June-July 2024

- **Associate Cloud/DevOps Engineer (Intern)**
- Collaborated with a team to develop and deploy a billing system using the PERN stack (PostgreSQL, Express.js, React, Node.js)
- Deployed the system using Microsoft Azure and Ubuntu virtual machines, handling configuration and server setup
- Assisted in backend integration and frontend development using React and Express.js
- Participated in basic DevOps tasks such as environment setup, testing, and version control using Git
- Documented deployment processes and contributed to bug fixing and feature enhancements

## Relevant Skills

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- **Programming Proficiency:** Skilled in Java, JavaScript, Python, C++, and C — with experience in writing clean, testable code and debugging logic errors.
- **Software Testing & QA:** Familiar with software testing principles, defect tracking, test case execution, and basic automation workflows.
- **Version Control & Collaboration:** Proficient with Git for code versioning and team-based development.
- **Web Development Experience:** Hands-on experience with the PERN stack (PostgreSQL, Express.js, React.js, Node.js); skilled in front-end tools like HTML, CSS, Bootstrap, and React.js.
- **Cloud & DevOps Fundamentals:** Knowledgeable in Microsoft Azure deployment, server setup using Ubuntu VMs, and CI/CD basics for environment configuration.
- **Database Management:** Experienced with relational databases like MySQL and PostgreSQL for back-end integration and testing data scenarios.
- **Cybersecurity & Networking:** Understanding of vulnerability scanning, OSINT, and network fundamentals (CCNAv7) to support secure test environments.
- **Automation Readiness:** Comfortable with scripting, logic flow, and documenting procedures — foundational skills for automated test script enhancement.
- **Team Collaboration:** Strong communication and teamwork skills; able to contribute to cross-functional QA and development teams effectively.
- **Analytical Mindset:** Problem-solving skills rooted in algorithm design, data analysis, and mathematical reasoning — useful for identifying edge cases and debugging.

## Certifications

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### **AWS Educate: Introduction to Generative AI**

**July 2025**

- Gained foundational knowledge of generative AI concepts and applications.
- Explored how generative models like GPT are trained and used in real-world scenarios.
- Covered ethical considerations, use cases, and best practices in AI development.
- Understood the role of machine learning, neural networks, and large language models in generative AI.
- Developed awareness of industry trends and the future potential of generative AI technologies.
- Demonstrated readiness to engage in AI-driven innovation and experimentation.

### **AWS Educate: Machine Learning Foundations**

**July 2025**

- Introduced to core machine learning concepts, algorithms, and workflows.
- Covered supervised and unsupervised learning, model evaluation, and data preprocessing.
- Learned how machine learning is applied in real-world business and technical scenarios.
- Explored tools and services within the AWS ecosystem for building ML models.
- Gained foundational understanding of training, testing, and tuning ML models.
- Demonstrated readiness to pursue more advanced studies and projects in machine learning.

### **Certification in Cybersecurity, ICS2**

**April 2024**

- Covered fundamental principles of cybersecurity.
- Topics included security policies, procedures, and controls.
- Demonstrated understanding of security frameworks and compliance standards.
- Explored incident response strategies and methodologies.
- Learned business continuity and disaster recovery planning concepts.
- Acquired skills in mitigating and managing cybersecurity incidents.

### **Security Operations Fundamentals, Palo Alto Networks**

**April 2024**

- Attained proficiency in security operations fundamentals.
- Covered network security, threat intelligence, incident response, and cybersecurity best practices. Equipped with hands-on experience through labs and real-world scenarios.
- Validates understanding of fundamental security principles and readiness to contribute to cybersecurity initiatives.

### **Cybersecurity Fundamentals, Palo Alto Networks**

**April 2024**

- Attained foundational knowledge in cybersecurity fundamentals.
- Covered topics including network security, threat intelligence, risk management, and security best practices.
- Acquired practical skills through hands-on labs and real-world scenarios.
- Validated understanding of essential cybersecurity concepts and readiness to contribute to cybersecurity efforts.

### **Vulnerability Management Detection and Response, Qualys**

**March 2024**

- Attained expertise in vulnerability management, detection, and response.
- Covered areas such as vulnerability scanning, prioritization, and remediation.
- Developed skills in threat detection and response strategies.
- Demonstrated proficiency in using Qualys platform for vulnerability management and response efforts.

### **Open-source Intelligence, Basel Institute on Governance**

**March 2024**

- Acquired expertise in open-source intelligence (OSINT) techniques and methodologies.
- Covered topics such as data collection, analysis, and interpretation from publicly available sources.
- Developed skills in information gathering, threat assessment, and risk analysis.
- Validated proficiency in leveraging OSINT tools and platforms for investigative purposes.

### **FCF - Getting Started in Cybersecurity 2.0 Self-Paced, Fortinet Training Institute**

**February 2024**

- Completed comprehensive training program covering foundational concepts in cybersecurity.
- Topics included network security, threat detection, and cybersecurity best practices.
- Self-paced course providing flexibility in learning and assimilating cybersecurity fundamentals.
- Developed skills essential for entry-level positions in cybersecurity roles.

### **FCF - Introduction to the Threat Landscape 2.0 Self-Paced, Fortinet Training Institute**

**February 2024**

- Completed an in-depth training program focusing on understanding the modern threat landscape.
- Covered topics such as threat actors, attack vectors, and emerging cybersecurity threats.
- Self-paced course offering flexibility to explore threat landscape concepts at one's own pace.
- Developed insights into proactive threat mitigation strategies and cybersecurity defense mechanisms.

### **CCNAV7: Introduction to Networks, CISCO**

- Successfully completed the CCNAV7 course focusing on Introduction to Networks.
- Covered foundational networking concepts including network architecture, protocols, and addressing.
- Developed skills in network configuration, troubleshooting, and security fundamentals.
- Acquired knowledge essential for entry-level networking roles and further Cisco certifications.

## **Co-Curricular Experiences**

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### **CyberFest 2023: Web Systems Pitching Competition**

**2023**

- Secured 3rd place at the CyberFest 2023 Web Systems Pitching Competition.
- Presented our innovative project, "Intersect: where skills meet and exchange."
- Demonstrated the project's unique features and benefits, highlighting its impact on web systems.
- Recognized for excellence in innovation, creativity, and problem-solving in the field of web development.