

# Michaela Rose D. Cabauatan

## Software Developer

(+63) 926 005 5190 | michaelarose.cabauatan@gmail.com | Laguna, Philippines, 4025

### PERSONAL PROFILE

Software Developer with over 3 years of experience specializing in ReactJS, JavaScript, and Flutter. With foundational experience and hands-on exposure to backend development using Java and Spring Boot, particularly in working with REST APIs and understanding end-to-end data flow between front end and back end. Recognized for adaptability, strong documentation skills, and a willingness to learn new technologies. Seeking opportunities to further develop backend development skills while contributing to reliable and maintainable applications.

### KEY COMPETENCIES

#### Technical skills:

- Front-end technologies:
  - Flutter, Dart
  - ReactJS, AngularJS, VueJS
  - JavaScript, TypeScript
  - HTML, CSS
  - Bootstrap, Tailwind CSS
- Back-end technologies:
  - Java
  - Spring Boot
  - REST API integration
- Programming languages:
  - C#
  - C
  - C++
- Version Control:
  - Git

#### IDE/Tools:

- Android Studio
- Visual Studio
- SourceTree
- GitHub
- Arduino
- MS Office applications

#### Soft skills:

- Project management
- Critical thinking
- Problem-solving
- Adaptable
- Fast learner

### PROFESSIONAL EXPERIENCE

#### Advanced World Solutions, Inc.

##### **Associate Research and Development Engineer (Jan 2026 - Present)**

- Maintained front-end features using AngularJS.
- Performed bug fixing and enhancements on existing AngularJS screens.
- Collaborate with team members to align UI implementation with project requirements and timelines.

##### **Senior Assistant Research and Development Engineer (Jan 2025 – Dec 2025)**

- Developed UI based from a legacy C# desktop app and transformed it into a ReactJS-based web application.
- Wrote JEST codes to perform unit and component testing.
- Performed bug fixing for previously implemented screens.
- Modified custom-built global components of the web application when necessary to meet screen-specific requirements.
- Performed integration testing across multiple screens.
- Updated specification documents to reflect the latest client requirements.
- Created documents with detailed screen information, outlining functions and full data flow from front end to back end, including key functions, API controllers, services, and database operations.

### **Assistant Research and Development Engineer (Jan 2024 – Dec 2024)**

- Optimized global widgets for consistent use across multiple screens in the mobile application.
- Optimized multiple functions across the domain and data layers of the mobile application to improve consistency and prevent potential future bugs.
- Rewrote and optimized the code for an older screen in the mobile app to reduce bugs and ensure maintainable, clean code by eliminating spaghetti code.
- Integrated frontend screens with backend REST APIs, validating request and response data to ensure correct functionality.
- Created documents analyzing the root cause of each ticket issue through frontend to backend code tracing, identifying the problematic code segment and detailing the necessary fix.

### **Junior Research and Development Engineer (May 2022 – Dec 2023)**

- Mainly wrote codes for the UI side of a mobile android application using Flutter, utilizing both Stateful and Stateless widgets along with BLoC for state management.
- Implemented unit and integration tests to validate functionality and integration, documenting test cases and results for transparency and maintainability.
- Completed hands-on Nihongo training (N5).
- Completed hands-on training in technologies, gaining proficiency in technical subjects such as Git version control, C#, C/C++, software testing fundamentals, and test design basics.

### **Amkor Technology Philippines, Inc.**

#### **Product Engineer (Sept 2020 - Apr 2022)**

- Conducted prototype evaluations for each manufacturing process by testing various materials under different machine parameters to identify the optimal combination for achieving the highest product quality.
- Prepared a comprehensive product specification document outlining every step of the manufacturing process, including the materials used, operating parameters, and the specific machines involved in each stage.
- Collaborated with engineering, production, and quality assurance teams to meet the technical specifications and project deadlines.
- Developed detailed project plans and schedules while monitoring performance to ensure milestones were achieved on time and within scope.
- Facilitated communication between stakeholders, including vendors and clients, to align on project objectives and address challenges proactively.
- Prepared and presented project status reports and performance metrics to managers and stakeholders.

### **EDUCATION**

#### **Bachelor of Science in Electronics Engineering**

Mapúa Malayan Colleges Laguna

- Thesis on "Smart Indoor Workplace Based on Human Data Analytics".

### **ADDITIONAL INFORMATION**

- **Languages:** English, Basic Japanese
- **Certification:** Certified Entry-Level JavaScript Programmer [JSE-40-01]
- **License:** Electronics Engineer (PRC License No.: 0076243)
- **Award:** Intensive Training Program Top Performer (2022)