

Michaela Rose D. Cabauatan

Software Developer

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PERSONAL PROFILE

Software Developer with more than 3 years of experience in the IT industry, specializing in ReactJS, JavaScript, and Flutter for web and Android mobile applications. Recognized for flexibility across roles, including test execution, specification document creation, and consistently delivering clean, maintainable code. Seeking a role that will allow me to deepen my technical skills and take on new, challenging development opportunities.

KEY COMPETENCIES

Technical skills:

- Flutter, Dart
- ReactJS, VueJS, NodeJS
- JavaScript, TypeScript
- C#, C, C++
- CSS, HTML
- Bootstrap
- RestAPI
- 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.

Senior Assistant Research and Development Engineer (Jan 2025 – Present)

- 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.
- Adjusted and 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 front-end 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)

- Developed and 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.
- Integrated the simulator's code into the mobile app's UI as a data analyzer to facilitate data transfer to the client app's server.
- 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.
- Created documents analyzing the root cause of each ticket issue through end-to-end 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)