

# CARL PATRICK ADRIAN AGUAS

## FULL-STACK DEVELOPER INTERN

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Motivated Computer Science student with a strong foundation in software development, web applications, and database management. Currently seeking an internship to apply my technical skills in a real-world setting, contribute to innovative projects, and further develop my expertise in both frontend and backend development. Passionate about problem-solving and eager to learn from industry professionals.

### ACADEMIC PROJECTS

#### SaveEat

Mobile Application

- Role: Team Lead, Frontend & Backend Development
- Designed as a budget and nutrition tracker to help users manage their dietary intake and expenses.
- Developed using JavaScript and React Native for cross-platform functionality.
- Integrated with Edamam API to provide accurate nutritional information for foods registered in the database.
- Utilized Firebase for database management, ensuring secure storage of budget data and user information.
- Designed the UI/UX prototype using Figma.

#### Womens Club

Web Application

- Role: Team Lead, Frontend & Backend Development
- Developed and deployed a website for a non-government volunteer organization in Quezon City, focused on managing members, events, and donations.
- Utilized JavaScript, React, CSS, HTML, and Chakra UI for the frontend, with Firebase for database management and authentication.
- Deployed on Vercel for seamless hosting and performance.
- Designed the UI/UX prototype using Figma.

#### Heart to Art

Mobile Application

- Role: Team Lead, Frontend & Backend Development
- Designed for artists to manage commissions, for clients to request art services, and to facilitate communication between clients and artists.
- Developed using JavaScript React Native for cross-platform mobile functionality.
- Implemented user authentication and database management/storage using Firebase to securely manage artist and client accounts.
- Designed the UI/UX prototype using Figma.

### FREELANCE PROJECTS

- **NEXT:** Video Advertisement
- **LuFong:** Posters and Advertisements
- **Classic Watch MNL:** Logo
- **JZ Perfumery:** Logos and Product Visuals
- **Rocket Fuel:** Logo

### SKILLS

#### Hard Skills

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"><li>• Programming Languages<ul style="list-style-type: none"><li>◦ Java, JavaScript, Python, C++, C#, and Assembly</li></ul></li><li>• Web Development<ul style="list-style-type: none"><li>◦ HTML, CSS, React, and Node.js</li></ul></li></ul> | <ul style="list-style-type: none"><li>• Database Management<ul style="list-style-type: none"><li>◦ SQL, MongoDB, MySQL, and Firebase</li></ul></li><li>• Version Control Systems<ul style="list-style-type: none"><li>◦ Git</li></ul></li><li>• Mobile App Development<ul style="list-style-type: none"><li>◦ React Native and Android Studio</li></ul></li></ul> | <ul style="list-style-type: none"><li>• Machine Learning and AI<ul style="list-style-type: none"><li>◦ TensorFlow, PyTorch, and Scikit-learn</li></ul></li><li>• Software Testing and Debugging<ul style="list-style-type: none"><li>◦ Unit Testing</li></ul></li><li>• Human-Computer Interaction (HCI)<ul style="list-style-type: none"><li>◦ Figma</li></ul></li></ul> |
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#### Soft Skills

- Communication, Teamwork, Time Management, Critical Thinking, Problem-Solving, and Adaptability

### EDUCATION

#### Mapúa University

Bachelor of Science in Computer Science

- Dean's List Awardee

1.44 GWA

#### Centro Escolar University

Science, Technology, Engineering, and Math (STEM) Strand

- With Honors Awardee

### ADDITIONAL INFORMATION

- **Languages:** English and Filipino
- **Leadership Experience:** Became a Multimedia Officer of Mapúa Game Consensus Organization