

# Raul B. Barquilla Jr.

## Web Developer

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Portfolio Website: [Raul Barquilla Jr. - Web Developer](#)

### EDUCATION

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**BICOL UNIVERSITY**

**BS Computer Science. GPA 1.9204**

**Thesis:** Classification of Emergency Type Texts using Machine Learning Algorithm

**Dean's Lister, 2021 - 2023**

**Daraga, Albay**

**July 7, 2023**

**TABACO NATIONAL HIGH SCHOOL**

**With Honor, 2018 - 2019**

**Tabaco, Albay**

**April 5, 2019**

### PROFESSIONAL EXPERIENCE

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**THINK AND CLACK**

**Web Developer**

**Remote**

**July 2024 – Present**

- Designed and developed an admin dashboard featuring user management, organization and event proposal applications, leaderboards, and statistical graphs.
- Website key features:
  - User registration, login, and password recovery.
  - Role-specific dashboards for students, approvers (Advisers, Chairs, Deans, Student Development of Director), and administrators.
  - Multi-step proposal management workflow
  - Email notifications for registration, proposal updates, and approval
  - Budget tracker for student organization proposals.
- Additional Contributions
  - Designed responsive interfaces using ReactJS and Material-UI (MUI), achieving 100% mobile compatibility.
  - Conducted API testing and integration using Postman. ○ Validated and debugged database interactions with DBeaver.
  - Ensured alignment of features with user and business needs.

**FREELANCING**

**Web Developer**

**Remote**

**J2022 – Present**

- Designed over 20 logos and branding materials for diverse clients, ensuring alignment with their business vision and goals.
- Worked closely with clients to refine design concepts and to understand their goal.
- Delivered high-quality designs using Photoshop and Figma, meeting tight deadlines while maintaining consistent standards

## LEADERSHIP & ACTIVITIES

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### THESIS

#### Front-end Mobile App Developer and Designer

Remote  
October 2022 – March 2023

- Led the design and development of a front-end mobile application for a thesis project, independently fulfilling project requirement.
- Coordinated with project leader to ensure alignment with academic objectives and technical specification.
- Delivered a fully functional front-end mobile application prototype using Java.
- Implemented the most efficient model (SVM with an accuracy of 94 percent) in a mobile application prototype on the Android platform using TFLite.

## ADDITIONAL INFORMATION

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- **Frontend Development Technologies:** JavaScript, ReactJS, NextJS, Material-UI, Bootstrap, and TailwindCSS.
- **Backend Development Technologies:** NodeJS, MongoDB, and ExpressJS.
- **Tools & Software:** Figma, VSCode, DBeaver, and Postman.
- **Version Control:** Git and GitHub
- **Soft Skills:** Problem solving, Communication, and Time management
- **Skills & Interests:** Piano, guitar, video games, drawing and painting,
- **Language:** Filipino and English

## CERTIFICATIONS

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- Udemy: Complete React Developer Masterclass for Beginners 2022
- Udemy: Web Design for Beginners Build Websites in HTML & CSS 2023
- Udemy: HTML, CSS, & Bootstrap - Certification Course for Beginners 2023

## CHARACTER REFERENCES

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- Nestor Rafael Oscillada, AI Software Engineer, Accenture, 0927 302 0611
- Marcial Norte, Software Engineer, Cloud Panda, 0999 683 2566
- Marco Joaquin Barcela, Junior Backend Developer, Wylog Inc., 0945 331 0525