Raul B. Barquilla Jr.

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Education

Bicol University   Daraga, Albay
BS Computer Science. GPA 1.9204   July 7, 2023
Thesis: Classification of Emergency Type Texts using Machine Learning Algorithms
Dean's Lister, 2021 - 2023

Tabaco National High School   Tabaco, Albay
With Honor, 2018 - 2019   April 5, 2019

Experience

Think and Clack   P5 Bonga Bacacay Albay (Remote)
Web Developer   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 & Forgot Password
  - Role-specific dashboards for students, Approvers (Advisers, Chairs, Deans, Student Development Office, Director), and administrators.
  - Proposal Management (Student proposal submission and multi step approval workflow)
  - Notifications and Alerts (User registration, proposal submission, organization application, and approval updates)
  - Budget tracker for student organization's proposal
- Enhanced team collaboration by contributing creative design solutions during project discussions.
- Conducted API testing and integration using Postman, ensuring consistent communication between the frontend and backend.
- Utilized DBeaver to validate and troubleshoot database interactions during development.
- Mastered ReactJS and Material-UI (MUI), delivering responsive and modern interfaces for web applications.
- Applied responsive design techniques, achieving 100% mobile compatibility and enhancing user accessibility across devices.
- Contributed to project success by ensuring alignment of features with user and business needs.

Freelancing   P5 Bonga Bacacay Albay (Remote)
Graphic Designer   Jan 2022 – 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 goals.
- Delivered high-quality designs using Photoshop and Figma, meeting tight deadlines while maintaining consistent standards.

Leadership & Activities

Thesis   Bicol University
Front-end Mobile App Developer and Designer   October 2022 – March 2023

- Led the design and development of a front-end mobile application for a thesis project, independently fulfilling project requirements.
- Coordinated with project leader to ensure alignment with academic objectives and technical specifications.
- 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 prototype mobile application on the Android platform using TFLite.

Technical Skills

- **Frontend Development Technologies:** HTML, CSS, and JavaScript
- **Frameworks and Libraries:** ReactJS, NextJS, Material-UI, Bootstrap, and TailwindCSS
- **Tools & Software:** Figma, VSCode, DBeaver, and Postman
- **Version Control:** Git and GitHub

Soft Skills

- Problem solving
- Communication
- Time management

Certifications

- **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

Skills & Interests

- Playing piano and guitar
- Drawing and painting
- Video gaming

Character Preferences

- Nestor Rafael Oscillada
  (AI Software Engineer)
  Accenture
  0927 302 0611

- Marcial Norte
  (Software Engineer)
  0999 683 2566

- Marcial Norte
  (Junior Backend Dev)
  Wylog Inc.
  0945 331 0525

Language: Filipino and English