Bryle Paulo B. Cunanan

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TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, C++, Kotlin, Python
Frameworks: React, Next JS, React Native, Expo, Express.js
Developer Tools: VS Code, Git, Vite, RASA, Trello, MongoDB, Postman, PyCharm
Libraries: ThreeJS, Tailwind CSS, Firebase, RASA

EDUCATION

Baliuag University   City of Baliwag, Bulacan
Bachelor of Science in Computer Engineering   *2020 – 2024*

EXPERIENCE

Junior AI Development Intern   May 2024 – July 2024
Shore360, Inc.   *Clark, Pampanga*

- Researched and optimized RASA AI workflows, improving chatbot intent recognition accuracy by **33%**.
- Developed a React-based web app for chatbot training, reducing manual setup time by **70%.**
- Collaborated with developers, designers, and product managers in an Agile workflow, delivering iterative features.

PROJECTS

Stellara | Finance SaaS App (In Progress)

Tech Stack: JavaScript, React, React Native, Express.js, MongoDB, Git

- Developing a **cross-platform finance management app** for budgeting and expense tracking.
- Designing a **scalable REST API backend** to support future integrations and premium features.
- **Integrating AI-driven analytics** to provide users with **personalized insights on spending habits, budget optimizations, and financial trends**.

Tala | Gratitude Journal Mobile Application

Tech Stack: JavaScript, React Native, Expo, Git

- Implemented **AsyncStorage for persistent data storage**, allowing users to save and retrieve journal entries locally.
- Integrated SQLite for persistent data storage, improving user retention by **54%.**
- Designed an intuitive UI to enhance user experience and engagement.

AI360 Studio | Chatbot Management Web UI

Tech Stack: JavaScript, React, Git

- Designed and developed a MERN-based chatbot management UI, improving training efficiency by **50%**.
- Participated in Sprint QA activities, addressing bugs and ensuring feature stability.
- Integrated RESTful APIs to enable efficient communication between the front-end and backend, ensuring smooth data flow for chatbot configuration.

Pet Care 101 | IoT Pet Feeder and Monitor

Tech Stack: Kotlin, C++, Firebase, Arduino

- Developed an IoT-enabled pet monitoring system, achieving **95% sensor accuracy** in weight and heart rate tracking.
- Engineered real-time Firebase database sync, reducing data retrieval time from **10 sec to ~2 sec**.
- Built a mobile app for live monitoring, enabling users to track pet metrics remotely.

Adventures of the Little One | 2D Platformer

Tech Stack: Java

- Developed a 2D platformer using Java SDK, implementing a **tile mapping system** for rapid level design.
- Created robust game logic, ensuring **seamless collision detection and physics handling**
- Optimized frame rates for smooth gameplay on lower-end devices.