PATRICK JAMES DIONEN

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Portfolio: https://trkk.exondevs.tech **Github:** https://github.com/ImTrikk **Linkedin:** https://www.linkedin.com/in/patrickjamesdionen/

EDUCATION

Bachelor of Science in Information Technology, Caraga State University - Main Campus   **August 2021 - Present**
1.38 GWA (1st Sem 2021-2022 - 1st Sem 2024-2025)

TECHNICAL SKILLS

- **Programming languages:** C, Java, PHP, Python, Javascript, Typescript, SQL.
- **Frontend Technologies:** ReactJs, NextJs, ElectroJS, Vite, TailwindCSS, Bootstrap5, JQuery..
- **Backend & Database Technologies:** NodeJS, ExpressJS, FastAPI, Flask, LaravelPostgreSQL, MySQL MongoDB, Supabase, Firebase.
- **Development Tools:** Github, Git, Postman.
- **Others**: Figma, Photoshop, Canva, Miro.

EXPERIENCE

Full Stack Developer – Freelancer | Butuan City, Philippines   **June 2024 – Present**
- Designed and developed custom web applications tailored to meet client-specific needs, ensuring high levels of user satisfaction and functionality.
- Built dynamic and responsive user interfaces using **React.js** and **Bootstrap**, integrating them with powerful backend systems built with **Laravel**, **MySQL**, and **PostgreSQL** for seamless functionality.
- Architected scalable and maintainable systems, optimizing application performance and supporting long-term sustainability.

DOST – CARAGA Project LODIXR Developer/Programmer – Intern | **February 2024 – May 2025**
- Contributed to the development and improvement of core system features to support project goals and user needs.
- Developed solutions to enhance workflow efficiency, including status-based controls and automated communication features.
- Conducted testing, debugging, and refinement of features to ensure quality and stability across various use cases.
- Collaborated with mentors and team members in an Agile-like environment, participating in regular meetings to report progress and align on deliverables.

Start–up Incubatee – Navigatu, Caraga State University | Contract   **February 2023 – June 2024**
- Co-founded ParaGO, a web-based application designed to connect users with unique local adventures by allowing them to book events organized by municipal tourism offices.
- Led the design and development of the platform using ReactJS for dynamic, responsive user interfaces, and NodeJS with ExpressJS for efficient server-side communication.
- Utilized MongoDB for scalable, flexible data storage to support application growth and enhance data management.
- Spearheaded the UI/UX design, ensuring an intuitive, user-friendly experience across all devices, with a focus on simplicity and usability.
- Optimized the application for performance and responsiveness, improving user accessibility and engagement across a wide range of devices and internet speeds.

FEATURED PROJECTS

ReviewUP | Full Stack Development | Repo | Preview
- Developed a platform that fosters collaboration among students by enabling them to create and share reviewers, generate practice questions, and design quizzes.
- Designed the system architecture to ensure scalability and performance, seamlessly integrating cloud platforms and APIs for enhanced functionality.
- Tech Stack: ReactJS, NodeJS, Express, Vercel, Firebase.

ParaGO | Full Stack Development | Repo | Preview
- Designed the user interface to address user needs while delivering an exceptional and intuitive user experience.

- Developed key system components and collaborated with a team of developers, iterating through testing cycles to refine functionality and design.
- Tech Stack: ReactJS, NodeJS, Express, MongoDB.

Foodiego | Frontend Development | [Repo](#) | [Preview](#)

- Developed a platform for students, home cooks, and chefs to create, share, review, and download recipes.
- Refined through iterative design, starting with low-fidelity prototypes and progressing to high-fidelity designs, incorporating continuous user feedback at each stage to ensure an optimal and seamless experience for end users, followed by careful development to bring the vision to life.
- Stacks: ReactJS, Material UI, ReCharts, html2canvas.