# PATRICK JAMES DIONEN

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**Portfolio:** https://trkk.vercel.app/ | **Github:** https://github.com/ImTrikk | **LinkedIn:** https://www.linkedin.com/in/patrickjamesdionen/

## Education

**Bachelor of Science in Information Technology,** Caraga State University - Main Campus **Aug 2021 - Jun 2025**
**GPA: 1.48** | Magna Cum Laude

## Technical Skills

- **Programming languages:** C, Java, PHP, Python, JavaScript, TypeScript
- **Frontend Technologies:** React, Next, Electron, Vite, Tailwind CSS, Bootstrap 5, jQuery
- **Backend & Database Technologies:** Node, Express, FastAPI, Flask, Laravel, PostgreSQL, MySQL, MongoDB, Supabase, Firebase
- **Development Tools:** GitHub, Git, Postman

## Experience

**Full Stack Developer | EXON Software Development Agency | Freelance** **Jun 2024 – Present**

- Designed and developed custom web applications tailored to client needs, enhancing usability and performance.
- Built dynamic and responsive user interfaces using React and Bootstrap, integrating them with backend systems built with Laravel, MySQL, and PostgreSQL for robust functionality.
- Architected scalable and maintainable systems, optimizing performance and supporting long-term sustainability.

**Intern Developer/Programmer | DOST CARAGA | Contract** **Feb 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 feature refinements to ensure stability and quality across various use cases.
- Collaborated with mentors and team members in an Agile environment, participating in regular meetings to report progress and align deliverables.

**Co-founder & Full Stack Developer | Navigatu (Startup Incubatee) | Contract** **Feb 2023 – Jun 2024**

- Co-founded ParaGO, a web-based platform connecting users with unique local adventures and enabling bookings for events organized by municipal tourism offices.
- Led design and development of the platform using React for responsive interfaces and Node with Express for efficient backend communication.
- Directed UI/UX efforts to create an intuitive, user-friendly experience across devices.
- Optimized performance and accessibility across various devices and network conditions.

## Featured Projects

**ReviewUP | Full Stack Development |** [[Repo]] [[Preview]]

- Developed a platform that enables students to collaborate by creating and sharing reviewers, generating practice questions, and designing quizzes.
- Designed system architecture for scalability and performance, integrating cloud platforms and APIs to extend functionality.
- Tech Stack: React, Node, Express, Vercel, Firebase, PostgreSQL.

**ParaGO | Full Stack Development |** [[Repo]] [[Preview]]

- Designed a user-centric interface for intuitive navigation.
- Developed key system components and collaborated with a team of developers, iterating through testing cycles to refine functionality and design.
- Tech Stack: React, Node, Express, MongoDB.

**FoodieGo | Frontend Development |** [[Repo]] [[Preview]]

- Developed a platform for students, home cooks, and chefs to create, share, review, and download recipes.
- Refined the platform through an iterative design process—starting with low-fidelity prototypes, advancing to high-fidelity designs, and incorporating continuous user feedback to ensure an intuitive and seamless user experience. Successfully translated the design vision into a fully functional product.
- Tech Stack: React, Material UI, ReCharts, html2canvas.