# Jeb Wilfred D. Panganiban

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## TECHNICAL SKILLS

**Languages**: JavaScript, HTML, CSS, Java, Python, SQL, Bash
**Frameworks & Libraries**: NextJS, ReactJS, React Query, Zustand, Redux, TailwindCSS, MaterialUI, Ant Design, NodeJS, ExpressJS
**Developer Tools**: Git, WSL (Ubuntu), Visual Studio
**Databases**: PostgreSQL, MySQL, MongoDB, MariaDB

## EXPERIENCE

**Frontend Developer**                                           December 2023 – Present
*Samsung R&D Institute Philippines*                              *Taguig, Philippines*

- Consistently met high stakeholder demands by developing high-quality web applications in a fast-paced environment
- Enabled Samsung Korea's MX division to gain immediate insights to support decision-making processes by developing data visualization interfaces with NextJS and React
- Improved code readability, optimized application performance, and expedited development time by refactoring legacy React components and JavaScript code, while leveraging the power of TypeScript and JavaScript ES6
- Maintained a seamless user experience by integrating backend APIs into web applications
- Streamlined frontend development and ensured consistent user interface across the application by implementing highly reusable and highly documented React microcomponents styled with TailwindCSS
- Collaborated closely with counterparts from Samsung Korea to achieve project milestones and ensure alignment with strategic objectives

**Software Engineer Intern**                                     June 2022 - August 2022
*KlaudSol*                                                       *Philippines (Remote)*

- Implemented the frontend and the backend API endpoints of a user management dashboard in a NextJS application, allowing seamless creation, access, modification, and deletion of user data
- Implemented a user-friendly web interface that performs PDF manipulations, speeding up the form filling process for tax forms
- Designed and implemented relational database schemas for multiple entities in AWS Aurora Serverless, ensuring data normalization, scalability, and performance optimization

## PROJECTS

**Cemetery Information System** | *NextJS, MaterialUI, PostgreSQL, Supabase*
*https://github.com/derfliwbej/eternal-place*

- Empowered park managers to efficiently oversee and manage cemetery operations, resulting in improved data accessibility, streamliend worwkflows, and enhanced decision-making capabilities
- Enabled park managers to effectively monitor and manage cemetery status by developing an interactive visual map of the park using LeafletJS
- Developed a user-friendly dashboard for cemetery lot owners, granting them secure access to comprehensive details about their respective lots, enhancing transparency, user engagement, and self-service capabilities

**ValorantTL** | *NextJS, TailwindCSS*
*https://github.com/derfliwbej/valorant-tl*

- Developed a web-based solution that enabled VALORANT players to effortlessly access in-game store data via their browser, enhancing accessibility and user convenience.
- Used the internal Valorant API endpoints used by the client to communicate with Riot Games' servers

## EDUCATION

**University of the Philippines Los Baños**                      Los Baños, Laguna
*Bachelor of Science in Computer Science (Cum Laude)*            *2019-2023*