

HITLER KUMAR U. WANGET

Junior Software Developer

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Summary

Junior Software Developer with hands-on experience building full-stack web applications using TypeScript, React, Next.js, Node.js, Tailwind CSS, and relational databases. Skilled in API integration, responsive development, testing, debugging, and contributing across the software development lifecycle.

Skills

Programming Languages: JavaScript, TypeScript, Python, Java, PHP

Front-End: HTML5, CSS3, React, Next.js, Tailwind CSS, Responsive Web Design

Back-End & Databases: Node.js, MySQL, PostgreSQL, Appwrite

Development Tools: Git, GitHub, Figma

Software Development Practices: REST API Integration, CI/CD, Manual Testing, Debugging, SDLC, Technical Documentation

Additional Knowledge: SEO Fundamentals, Machine Learning

Experience

Web Application Developer Intern

January 2026 – May 2026

Department of Environment and Natural Resources | Baguio City, Philippines

- Developed and improved full-stack web applications that digitized reservation and payment-voucher workflows previously managed through paper documents, spreadsheets, and manual office follow-ups.
- Built and enhanced features including role-based access, availability validation, reservation tracking, voucher routing, transaction history and email notifications.
- Translated operational requirements and Figma designs into responsive interfaces for desktop and mobile devices.
- Contributed across the software development lifecycle through requirements gathering, development, testing, debugging, documentation, and deployment preparation.

Projects

Butterfly (Capstone) – Back-End Developer | [Live Demo](#)

August 2024 – November 2024

Tech Stack: TypeScript, React, Tailwind CSS, Next.js, Node.js, Appwrite

- Developed the back-end functionality for a healthcare web application supporting pre-assessment forms, appointment booking, mood tracking, and secure messaging.
- Engineered a many-to-one messaging system that routed and stored communications between multiple clients and a healthcare provider.
- Implemented real-time data synchronization to retrieve, update, and display message histories.
- Tested authentication, database integrations, and major user interactions to identify defects and improve system reliability.

Publications

"Crop Suitability Recommendation Based on Soil Parameters and Environmental Factors with Gradient Boosting Trees and Random Forest Algorithm" (Co-Author)

[Published in the Journal of Global Business Online, Volume 14, Issue 3 \(ISSN 2350-7179\)](#)

- Co-developed and evaluated an ML framework comparing Gradient Boosting and Random Forest for crop suitability prediction, with Gradient Boosting emerging as the best-performing model at 96.24% accuracy and a 96.14% F1-score.

Education

Bachelor of Science in Information Technology

August 2021 – July 2026

Saint Louis University | Baguio City, Philippines