

Kyell Dimatatac

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EDUCATION

Batangas State University

Bachelor of Science in Computer Engineering

Batangas City, Philippines

2021 – 2025

EXPERIENCE

Full Stack Web Developer

Freelance

Jan. 2024 – Present

Remote

- Developed and deployed 3 production web applications serving real businesses across multiple industries including e-commerce, event management, and service booking platforms
- Built full-stack e-commerce platform with product catalog, multi-location inventory management, and automated booking system for craft workshop business operating in Hawaii, NYC, San Francisco, and Irvine
- Implemented event booking platform with real-time availability management, custom inquiry forms, and mobile-responsive design for corporate team-building clients
- Created service marketplace connecting mobile workshop facilitators with clients, featuring location-based filtering, scheduling system, and responsive design for mobile and desktop users
- Integrated secure payment processing, user authentication, and admin dashboards across all client projects

AI and Security Intern

Jun. 2024 – Aug. 2024

Laguna, Philippines

Rakso CT

- Delivered technical presentations on Azure OpenAI integration and implementation strategies
- Contributed to security awareness campaigns and assisted in CRM system development
- Collaborated with cross-functional teams to document security best practices

PROJECTS

TaskFlow - Task Management Platform | *React, Laravel, PostgreSQL, Tailwind CSS*

2024

- Developed full-stack task management application with real-time updates and drag-and-drop Kanban boards
- Implemented team collaboration features including task assignments, comments, and notifications
- Built RESTful API with Laravel backend and React frontend with state management using Redux
- Deployed to production using Docker containers and PostgreSQL database

BagaNet - Federated Learning Platform | *Python, TensorFlow.js, Flask, React*

2024

- Built privacy-preserving lung disease classification system using federated learning architecture
- Enabled client-side model training with TensorFlow.js, eliminating need for centralized data collection
- Developed Flask API for model aggregation and React frontend for client interaction
- Achieved distributed training across multiple nodes while maintaining data privacy

Skill Odyssey - Learning Platform | *Express.js, MongoDB, Node.js, React*

2024

- Created educational platform guiding students through frontend and backend development learning tracks
- Implemented progress tracking system with MongoDB for persistent user data storage
- Built RESTful API with Express.js and interactive UI with React for course navigation

CERTIFICATIONS

In Progress: CS50's Web Programming with Python and JavaScript (Harvard), Full Stack Development (freeCodeCamp)

TECHNICAL SKILLS

Languages: JavaScript, Python, PHP, HTML/CSS, SQL

Frontend: React.js, Tailwind CSS, Bootstrap, Responsive Design

Backend: Node.js, Express.js, Laravel, Django, Flask

Database: MongoDB, PostgreSQL, MySQL

DevOps & Tools: Git, Docker, Azure, Vercel, VS Code, Postman

AI/ML: TensorFlow.js, Federated Learning