

# KENNETH M. DIMALIBOT

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<https://ikenncode.github.io/Portfolio/>



[GitHub](#)

## Skills

- HTML | CSS | JavaScriptES5/ES6 | OOP | ReactJS | React Native | NextJS | Web Application Development | Laravel | PHP | Express | Node | C# | MongoDB | MySQL Workbench | MSSQL | jQuery | Git | GitHub | RESTful API
- Visual Basic Macro Program using Excel | MIT App Inventor | OOP | Responsive Web Design | MATLAB | Arduino | English

## Experience

**Full-Stack Web Developer Trainee**      **CodeGo**      *Taguig, NCR, Philippines*      **May 2023 to October 2023**

- Develop and implement user interfaces using HTML, CSS, and JavaScript.
- Utilize front-end libraries and frameworks (e.g., React.js, Next.js) to create interactive and responsive user experiences.
- Design and implement server-side logic using programming languages like Node.js and Express.js.
- Build and maintain databases (MongoDB, MySQL Workbench, MySQL (XAMPP)) to manage and retrieve data efficiently.
- Create and optimize RESTful APIs to facilitate communication between front-end and back-end.

**Technical Support (IT Intern)**      **Torres Technology Corporation**      *Calamba, Philippines*      **Jan 2023 to March 2023**

- Diagnosing and resolving hardware and software issues on Window, Internet, and network.
- Troubleshooting common networking problems, installing and configuring software, and ensuring the smooth operation of IT systems.
- Collaborated with cross-functional teams to address IT challenges.

**Packer Checker (scanner)**      **Staff Wise Solution inc.**      *Santo Tomas, Philippines*      **July 2022 to Jan 2023**

- Kenneth was employed as packer checker utilizing an application for encoding data of products to ensure and accurately pack for shipment, meeting quality standards, and adhering customer requirements.
- Major responsibility to check the right products from scanned barcode to be inputted in the data using application in computer having attention to detail and ability to follow packing procedures.

## Education

**BS Computer Engineer**      **Tanauan City College**      **2023 - 2024**

**CodeGo Full-Stack Web Development Bootcamp**      **18<sup>th</sup> Floor, W Fifth, 5<sup>th</sup> Avenue, Taguig**      **May 2023 – Oct 2023**

## Key Projects

### **Tri-D: Tricycle Dispatching and Booking System in Barangay's TODA of Tanauan City - (January 2023 - May 2023)**

The Tri-D: Tricycle dispatching and booking system developed by Kenneth together with a team is a set of activities with the use of device that tracks passenger's location manipulated by ESP-WROOM-32 Microcontroller and let the signal or WI-FI module of this chip transmit the data with the use of push-button prototype device that will send signal to the barangay's TODA area with respective waiting shed area accordingly and with the use of mobile device using an application developed by Kenneth using MIT App Inventor that will also send information from the user to the driver and store each data from user to driver using Firebase Web Server.

ESP-WROOM-32 enhances the application and hardware device with incomparable capability and diversity. ESP32 can function as fully standalone system or as slave device to host MCU, which lessen the burden on the primary application CPU caused by communication stack overhead. Using its SPI/SDIO or I2C/UART interfaces, ESP32 may connect to other systems to provide WI-FI and Bluetooth capability.

Major responsibilities:

- Front-end and back-end development
- Database design
- Programming and testing
- Writing of technical documents
- Technologies: MIT App Inventor, Arduino UNO, Firebase Web Server, C++

### **One: Ticketing System using Laravel Framework- (August 2023)**

Kenneth Dimalibot has developed a sophisticated Ticketing System together with a team of developer. This comprehensive system offers an advance solution to a user in a real-world situation in submitting a ticket inside a company or business field that combines the MVC (Model-View-Controller) architecture using PHP.

The foundation of this system is built upon the MVC architecture, a popular design pattern in software development. MVC divides the application into three interconnected components: the model, which represents the data and business logic; the view, responsible for the user interface; and the controller, which handles user input and manages the flow of data between the model and view.

Major responsibilities:

- Front-end development with a supervision in backend
- Programming and testing
- Writing of technical documents
- Technologies: PHP, Laravel Framework, Blade, MySQL, Tailwind CSS

#### **CrocheTrio: a One Stop Shop Crochet Making Website - (July 2023-September 2023)**

Kenneth developed a Web Application together with a team of front-end developer using ReactJS framework or libraries for JavaScript development. This CrochetTrio is a web application for costumer who like to buy pre-made products and also for merchant who wants to start a business in crochet. Kenneth maintains the frontend functionality following the system design and pattern for UI/UX experience of end users. JavaScript programming language, ReactJS, Firebase, and Pay mongo API for payment transaction was used in this web application to make it possible.

Major responsibilities:

- Front-end development
- Programming and testing
- Writing of technical documents
- Technologies: JavaScript, HTML, CSS, ReactJS, Firebase Web Server, Pay mongo API

#### **AZT Fashion: E-commerce Clothing Shop - (October 2023 – November 2023)**

Kenneth has developed an E-commerce web application using ReactJS from some costumer's idea wants to start a small online business. Kenneth worked both front-end and back-end development and facilitate every functionality and supervise a developer partner during the process. Kenneth also responsible in integrating both client and server side and handle database using MongoDB. He also designed all of the interfaces and functionality.

Major responsibilities:

- Front-end and back-end development
- Database design
- Programming and testing
- Writing of technical documents
- Technologies: JavaScript, jQuery, HTML, Bootstrap, ReactJS, MongoDB, Express, Node, REST API

#### **Tasko App- To-Do Application (November 2023 – December 2023)**

Kenneth has developed a task management web application a mobile responsive using NextJS. Kenneth worked both front-end and back-end development and facilitate every functionality using an advance framework of ReactJS. Kenneth also responsible in integrating both client and server side using Prisma for handling the back-end of database and storing data using MongoDB. He also designed all of the interfaces and functionality.

Major responsibilities:

- Front-end and back-end development
- Database design
- Programming and testing
- Writing of technical documents
- Technologies: ReactJS, React Hooks, NextJS, Prisma, JavaScript ES6/Typescript, MongoDB, REST API

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## OTHER TECHNICAL SKILLS

- C++, VHDL,
- Familiar with ASP.net, C#.NET (Visual Basic Form), MVC, jQuery, JSON,
- Hardware and Software troubleshooting
- Android App Development familiar using React Native

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## CERTIFICATIONS

### Relevant trainings and Seminars:

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| • ASP.Net MVC and Bootstrap for Developing Web Application.  | March 25, 2023      |
| • KodeGo Full-Stack Web-Development Bootcamp   | May 26-Sept 30 2023 |
| • Cloud Computing Trends   | June 9, 2022        |
| • Algorithmic Design   | March 18, 2023      |
| • Web Application Security Testing using Opensource Tool   | June 4, 2022        |
| • HKNL2023: Cross Site Scripting (XSS)   | February 18, 2023   |
| • HKNL2023: Information Security and Cyber Security  |                     |
| • HKNL2023: Role of Cyber Threat Intelligence in Cybersecurity                                       |                     |
| • HKNL2023: The Philippine National Computer Emergency Response Team -NCERT or CERT-PH               |                     |
| • HKNL2023: What Cybersecurity today: Over-rated and under-rated skills, technologies, and job roles |                     |