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# JOHN ZIDREX M. ANDAG

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## EDUCATION

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**Polytechnic University of the Philippines**

**2015 – 2020**

*Bachelor of Science in Computer Engineering*

- **Relevant Coursework:** Data Structures and Algorithm, Database Management, Web Development, Software Development, Software Architecture and Design
- **Organization:** Member of Logistics Committee in Computer Research and Engineering Symposium

## SKILLS

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- **Java Programming:** (J2SE and J2EE), Spring MVC, Hibernate, JUnit 5, LibGDX
  - Spring Boot, Thymeleaf, Basic Microservices (Spring cloud)
- **Web Fundamentals:** HTML5, CSS3, Sass, Bootstrap, jQuery
- **PHP:** Core PHP, Laravel
- **JavaScript:** React, Node.js, Express.js, ES6, TypeScript, Jest
- **Database:** MySQL, MongoDB
- **Technologies:** Git, Heroku, SSH, Arduino, Raspberry Pi
- **Knowledgeable in:** C++, C, C#, Python
- **Familiarity in standard SDLC models** (Agile, Scrum)
- **Networking:** Packet Tracer, Basic cabling

## EXPERIENCE

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**Terabyte Solutions Inc.**

**April 2018 - August 2018, April 2019 - August 2019**

*Intern*

*2203B West Tower, Philippine Stock Exchange Center, Exchange, Ortigas Center, Pasig City*

- Created access rights and privileges for the DTR system they are developing
- Assigned to clinic-based system to fix and resolve bugs reported by the QA team

## MAJOR PROJECTS

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**Bug Monitoring System**

**July 2020**

- Currently developing a system for enterprises or for personal projects that reports bugs from testers or from QA.
- Built using Spring Boot and Thymeleaf with Spring security
- Uses REST architecture

**Covid19 Tracker**

**March 2020**

- Built using Laravel and Rapid API for live tracking of Coronavirus 2019 active cases and
- Implemented AJAX searching for the province and countries

**Smart Electronic Variable Coffee Mixer**

**October 2019**

- Implemented web app in Apache server using Java Server Pages and Spring framework
- Deployed in Raspberry pi, and executed hardware functions using python scrip