

# Karlo Arayata

Daang Amaya 1 Tanza, Cavite 4108 | +639560399801 | [Portfolio](#) | [Gmail](#) | [LinkedIn](#) | [GitHub](#)

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## Technical Skills

- Android Software Development (Android Studio, Java, Kotlin)
- Web Design & Development (React.js, Node.js, HTML, PHP, JavaScript, jQuery, CSS, SASS, Typescript, Figma)
- Frameworks & CMS (Laravel, WordPress)
- Back end & Databases (Firebase, Azure, MySQL, SQL Server, Query optimization, tuning and writing)
- Version Control & Project Management Tools (Git, Jira)

## Education

### Lyceum of the Philippines University - Cavite

- Graduated July 2021 - Bachelor of Science in Information Technology

## Experience

### DXC Technology – Technology Consultant

March 2022 – July 2023

- Maintained and developed web applications that mainly use PHP and SQL Server.
- Created complex queries with multiple joins and views to display the required data for the application.
- Significantly improved application speed and search function by improving and refactoring old queries, database views, indexes, and overall codebase.
- Successfully migrated PHP version from 5.5.x to 8.1.x
- Detected security issues and deployed multiple hot fixes that exist in production.

### Lyceum of the Philippines University Cavite - Internship

February - June 2021

- Assigned as a front-end developer on a web app for the university.
- Created multiple layouts and pages for each user level.
- Designed the overall application to accommodate the university's theme.

## Projects

**LySining** - My capstone project, an android app with a web app for the admin panel using Java, JS, Android Studio and Firebase. The application provides information about each organization of the Arts and Cultural Affairs Department, it displays events, news, and photos of events. I was the leader of the group, full stack developer for the android application, and the front-end developer for the web admin.

**LPU Online Completion** – My internship project, an automated completion system for the university. Has multiple user levels to follow the university's process and signatures. Uses JS, CSS, SASS, and PHP. I handled the front-end, UI/UX and the overall design of the website and its UI/UX.