

# John Dave Dalmao

Creative software engineer with 3+ years of experience, focusing on building well-crafted & intuitive web solutions.

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## Relevant Experience

**Accenture** | Software Engineer | March 2022 – Present

- Created a React web app to automate data transformation, converting text to structured XML, reducing changelog creation time almost 100%.
- Improved the functionality and performance of existing bots by adding new features to web services using Java, Spring MVC, and Oracle SQL.
- Enhanced team-wide documentation with guides on common errors and dev-related processes, improving the overall dev experience.

**Blend IT** | Software Engineer Intern | April 2019 – June 2019

- Implemented the MVC architectural pattern to develop a flexible, organized, and modular Laravel web application.
- Built responsive and user-friendly interfaces using HTML, CSS, Javascript, and Bootstrap, resulting in a more intuitive UI/UX.
- Streamlined and managed web app data using MySQL database, ensuring performance and reliability.

## Selected Projects

**Lcgenjd** | React, TypeScript, Tailwind CSS, Cloudflare, Figma

A client-side web app that converts user-entered text to structured XML.

**View Code:** [github.com/jd0x0021/lcgenjd](https://github.com/jd0x0021/lcgenjd)

**Live View:** [lcgenjd.pages.dev](https://lcgenjd.pages.dev)

- Developed a dynamic table component, utilizing React Context API to store table cell values & automatically generate XML in real time.
- Integrated react-split for a dynamic split-view and react-syntax-highlighter to enhance the display of the structured XML output.
- Configured Cloudflare Pages for automated deployments, enhancing development efficiency while ensuring fast, secure, & scalable hosting.

**Paraject** | WPF, C#, MS SQL Server, WiX Toolset, Figma

A project management desktop app that tracks & organizes project tasks.

**View Code:** [github.com/jd0x0021/Paraject](https://github.com/jd0x0021/Paraject)

**Download Link:** [github.com/jd0x0021/Paraject/releases](https://github.com/jd0x0021/Paraject/releases)

- Designed and implemented the project's entity relationship diagram (ERD) to ensure an optimal and consistent data structure.
- Managed and optimized application data with LocalDB, utilizing T-SQL for querying and ADO.NET for efficient data handling.
- Applied the MVVM architectural pattern to structure the project for scalability and maintainability, ensuring clean separation of concerns.

## Skills

### Front-end Development

- React
- TypeScript
- JavaScript
- Tailwind CSS
- Bootstrap
- HTML
- CSS

### Back-end Development

- Java
- Oracle SQL Developer
- Microsoft SQL Server

### Testing

- JUnit
- Mockito

### Version Control

- Git
- GitHub
- GitLab

### Deployment & Hosting

- Cloudflare Pages

### Design & Prototyping

- Figma

## Education

### University of Bohol

Bachelor of Science in  
Computer Engineering  
2020