



## **Jack Laurence T. Garay**

Javascript Developer

Taught myself Java and PHP at 11.  
Developer at 16. Computer Science;  
Cum Laude. Develops in JS. Loves  
Open-source

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### **WORK EXPERIENCE**

#### **Lead Front-end Developer**

SoundChip SA  
Oct 2019 - Present

#### **Front-end Developer**

Ombori Group  
Jan 2019 - Oct 2019 (10 mo)

#### **Front-end Developer**

Outsource.Digital  
Apr 2018 - Jul 2018 (Summer)

#### **Fullstack Developer**

Solaris IT Solutions  
Apr 2016 - Nov 2017

#### **Intern Fullstack Developer**

Alexis International  
Sep 2015 - Feb 2016

#### **Intern Web Developer**

Optima Infosystems  
April 2015 - June 2015

### **EDUCATION**

#### **University of San Carlos**

Bachelor of Science  
in Computer Science; Cum Laude  
Jun 2015 - Dec 2018

### **TECH STACK**

React (/Native)  
Typescript  
GraphQL or Redux

### **OTHER SKILLS**

Competitive Debate  
Public Speaking  
Presentations

### **OTHER TECH USED**

Node JS, Webpack, Electron, NextJS, Gatsby,  
CSS-in-JS, Java Spring Boot, NgRx, MySQL, MongoDB,  
WebSockets, Git, AWS EC2 S3, Linux, Docker, WebRTC,  
GraphQL (with Relay), Redux, C

### **ACCOMPLISHMENTS**

Cum Laude, Bachelor of Computer Science, University of  
San Carlos, December 2018

Technolympics Philippine National Web Designing  
Champion, April 2015

Semifinalist, USC Debate Intervarsities, July 2016

Web Designer of the Year, Entrepreneur of the Year,  
Mandaue City Science High School, April 2015

Best Thesis, Department of Computer and Information  
Sciences, University of San Carlos, December 2018

### **PUBLICATIONS**

An analysis on the insights of the anti-vaccine  
movement from social media posts using k-means  
clustering algorithm and VADER sentiment analyzer.

## **Work Experience at Ombori (Manila, Philippines)**

### **Front-end Developer at Ombori**

Ombori is a multinational digital experience group catering to big brands like H&M, Target, and Duty-free in bringing delightful experiences to their customers.

### **Responsibilities**

I develop, maintain, and extend the features of the applications in Ombori including Ombori's endless-aisle, customer-remote, voice-assistant, and the watch-embedded call for help functionality.

I communicate and integrate with third-party solution providers and their developers in integrating and discussing constraints between our solutions and theirs to provide a wider array of possibilities and a more robust digital experience to our clients.

### **Technologies Used**

React	Johnny-five (arduino)	CSS-in-JS
Webpack	Typescript	RxJS
Babel	Electron	<a href="https://balena.io">balena.io</a>
Websockets	NodeJS	Azure

## **Projects I am Involved with at Ombori:**

### **1. Customer Remote**

Customer remote is a flick-and-click application that allows users to control a big display via a flick gesture or a click-through their phone to navigate through a list of products. It also has a stopping power enabled by detecting motion through heat.

Role: Developer. I set up the app from scratch, developed core features.

### **2. Voice Assistant**

Voice assistant is a physical mirror with an integrated text-to-speech and conversation-based navigation that allows you to do various things like take a selfie and get product-recommendations.

Role: Developer. I helped create functionalities and components.

### **3. Turnpike's Call for Help**

Call for help is a system where staffs wear bands that help them communicate through the customers and other co-staffs; may it be asking for help in a busy section, or a customer seeking for assistance.

Role: Developer. I communicate, integrate, and develop with Turnpike's developers in integrating their solutions with our device and applications.

### **4. Endless Aisle**

Endless Aisle is an omni-channel application that allows retail customers to browse products available within physical retail store; it's also powered by voice technology.

Role: Developer. I helped extend the application's functionalities, and fix bugs

## **Work Experience at Outsource.digital (Cebu, Philippines)**

### **Front-end Developer at Outsource.digital (outsource.digital)**

Outsource digital, headquartered in Sydney, Australia, is a group of software developer catering full stack development of products from multiple clients throughout Australia.

### **Responsibilities**

I develop, maintain, and extend the features of the applications in Outsource.digital with a focus on a big project called Ootra. I also discuss implementation details with the project manager, designer, QA, and backend developers in order to meet specifications set by our clients.

### **Technologies Used**

React	Redux	MongoDB
Webpack	NodeJS	Restful APIs
Babel	AWS Lambda, EC2, S3	WebSockets
SASS	MySQL	Online payment providers (Stripe)

## **Projects I am Involved with at Outsource.Digital:**

### **1. Ootra**

Ootra is a platform that allows winemakers to sell their products on a subscription-basis. Store-owners browse the platform and choose wines to subscribe to deliveries on a monthly basis.

Notable features:

Invoicing feature with tax calculation

Wine dashboard with filter by age, origin, popularity, and other characteristics

Real-time messaging

Business registration

Dynamic pricing (wine suppliers could set pricing based on groups they target)

Smart coupon (wine suppliers could distribute coupons based on a criteria)

Dashboard for logistics

Wine purchase analytics

Role: Developer. I help create tests, extend features of the application, collaborate with developers, designers, QA testers, and a project manager.

### **2. 2xelliott.co.cuk**

Two Times Elliot is the main portal page for an award-winning design consultancy firm based in the UK.

Role: Developer and designer. I convert prototyped graphic animations into an actual website, and created functionalities like news dashboards sidebars, contact forms, and other basic features.

## **Work Experience at Solaris IT Solutions**

### **(Freelance, Remote)**

#### **Full Stack Developer at Solaris IT Solutions**

Solaris IT Solutions, headquartered in Kuala Lumpur, Malaysia, is an outsourcing company that provides various solutions to clients of many different sectors (including human resources, oil and gas, and accounting)

#### **Responsibilities**

I develop, maintain, and extend the features of the applications at Solaris IT Solutions. I communicate directly with the client to understand their needs and specifications and create estimations on the duration of time it takes for features to be developed. I also relay constraints. I work side-by-side with a sales-person who has a direct contact with the client. I also report to a project manager in case help is needed in other projects because of unexpected urgencies. I work side-by-side with a designer, a QA tester, and a frontend developer.

#### **Technologies Used (Technologies may be used in separate projects)**

React	PHP with Laravel	NodeJS
Webpack	MySQL	WordPress
Babel	Windows Server	SSL and DNS
JQuery	Handlebars	

## **Projects I am Involved with at Solaris IT Solutions:**

### **1. FreelancerWorkers**

FreelancerWorkers is a freelancer-for-hire website. It allows freelancers to post their availability and skills through a platform. It handles invoicing, payment, reviews, and time-tracking.

Responsibilities:

Developer. I help in extending functionalities and maintaining the website.

### **2. MyJobs88.com**

MyJobs88 is an applicant-tracking-system that allows employers to post for jobs, jobseekers to find a job, and apply within the platform. The platform also allows employers to filter, rank, and update the status of the applications in their job postings, and at the same time provide analytics for each job posting.

Responsibilities:

Developer and Designer. I designed the user interface and the user experience of the website. I set up the database and the appropriate schema and data structure for each entity. Established APIs that frontend could communicate with. I also report directly to a project manager to communicate constraints, task updates, and feature deadlines. I am the sole developer in this project.

## **Work Experience at Alexis International**

### **(Freelance, Remote)**

#### **Junior Full Stack Developer at Alexis International**

Alexis International is a recruitment company that specializes in hiring within the fields of IT, creative advertising, property management, and many others.

#### **Responsibilities**

Developer and Designer. I develop the core features of the applications at Alexis International. I communicate directly with the project manager regarding specifications and create estimations of the implementation.

#### **Technologies Used (Technologies may be used in separate projects)**

HTML5, CSS3	PHP with Laravel
WordPress	MySQL
JQuery (Ajax)	SSL and DNS
Vanilla JS	



## **Projects I am Involved with at Alexis International:**

### **1. Alexis ATS**

Alexis ATS is an applicant tracking system that enables recruiters to see who applied for specific listings, and manage candidates by updating their status, sending automated emails, and at the same time allow them to apply for job postings.

Responsibilities:

I designed the schemas in the database, established endpoints to communicate with frontend, and developed the user-interface of the applicant tracking system.

### **2. Website Portal**

I set up and created Alexis Internationals' web portal with customizations via HTML and CSS; and some functionalities coded in PHP.

Responsibilities:

Developer and designer.

## **Work Experience at Optima Infosystems**

### **(Kuala Lumpur, Malaysia)**

#### **Junior Full Stack Developer at Optima Infosystems**

Optima Infosystems is an IT solutions provider and a software development company.

#### **Responsibilities**

Developer and Designer. I develop the core features of the applications at Optima Infosystems. I communicate directly with the project manager and business developers.

#### **Technologies Used (Technologies may be used in separate projects)**

HTML5, CSS3	PHP with Laravel
JQuery (Ajax)	MySQL
Vanilla JS	SSL and DNS

## **Projects I am Involved with at Optima Infosystems:**

### **1. AidCom**

AidCom is a travel security application that secures clients' safety during their travels. Our main stakeholder for this was Allianz Insurance. The system has a dashboard of news manually filtered from numerous RSS feeds; news are filtered whether if it is relevant to the safety of the insurance's clients on those locations or not. Let's say there's an upcoming hurricane, all clients under those areas will receive push notifications from the system and also via text, and email. Then a corresponding agent will connect with them via the platform in order to provide support such as directions on where to go and measures to take.

Responsibilities:

Developer and designer. I design the user-interface and user-experience of both client-facing and admin-facing dashboards. I work closely with a project manager and a business development executive to meet the specifications. I work at the front-end and the back-end

### **2. Website Portal**

I developed the website of Optima Infosystems including the map integration, gridding and styled the website according to the designer's specifications.

Responsibilities:

Developer. I work closely with a designer to meet expectations on design.