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WORK HISTORY

Netzwelt Inc. - Fullstack Software Developer   Mar 2016 - Oct 2016

- Maintenance and full-stack development for PIM, a web-based product information system for the FortuneGlobe company, using PHP, Laravel, Angular, JQuery.
- Link: https://www.fortuneglobe.com/en/

- Maintenance development activities include; Sql performance optimization. Fixing legacy code. Frontend enhancement. Feature planning and implementation. Exercise clean coding practice. Analyzing system issues.

- Worked under an Agile development cycle.

Pccw Solutions Inc. - Fullstack Software Engineer   Oct 2016 - Feb 2018

- Worked with a team to deliver support and full-stack development for a Hong Kong based project named Tap&Go. Activities include responding to user experience support and maintainance for their user portals that allow users manage their accounts. Tap&Go is a top-up credit card that is used on a scanner for easy purchases like a train ticket or convenient stores. Made with Java Struts2.

- Link: https://www.tapngo.com.hk/chi/index.html

- Development activities include; Frontend enhancement. Support. Feature planning and implementation. Analyzing system issues.

- Developed internal Account Management system for the company.

- Worked under a Waterfall development cycle.

MarketConnect Inc. - Fullstack Software Engineer   Feb 2018 - Nov 2018

- Responsible for realizing all their digital services. Worked with creative designers for development of multiple 2D Games, Mobile Apps (Android), Websites and PWAs.

Market Connect Inc. is a company that helps other brands with their marketing strategy and advertisements. Enabling product reach with specialization in healthcare products. Games were made with Phaser and Web/Mobile with Ionic Angular

2D android games:

-Rocimus: a word factory game wherein you select the word "Rocimus" in all stages.

-Norma Blaster: a game wherein you tap bad bacteria while taking care to not tap on bad bacteria.

-Skizin: matching puzzle game where you rotate and place skin pieces to complete the whole dermal layer.

-Liverprime: a party quiz game wherein you select question categories from a board.

Web Development:

-Company Website:
 http://www.marketconnectph.com/

-Medline:
 http://medlinedialysis.com/

Mobile App:

-askmedoc: an offline document search engine app for android. Contains medical researches for easy lookup.

- Development activities include; fullstack development and planning. SEO optimization, and technology research.

- Worked from home maintaining online communication.

Hiraya Water - Fullstack Senior Software Engineer   Aug 2018 - Sep 2021

- Development and maintenance of the RTap System. A water facility enhancement system that makes sure water pressure is optimized to save unnecessary expenditures concerning its operation.

- Activities include tight cooperation with hardware and data engineers to deliver tailor made solutions/enhancements.

- Worked from home maintaining online communication.

- Handling communication between hardware devices to software.

- Setup and maintenance of all AWS services.

- Serverless infrastructure.

- Mentor to learning developers.

- Full applications made from the ground up:

  App#1:
   - Webapp made with Ionic, for onsite engineers and company use. It shows relevant detailed information like flow, energy consumption, device total runtime, analyses, device status alerts, google maps to display asset locations. It can also control devices.

  App#2:
  - Internal app that collects and process data via TCP that is sent by onsite devices to be processed into usable information and stored in the database. This app also formulates alerts, like when a device is online or offline for example.

  App#3:
  - Webapp for managing devices while also functioning as a payment portal. It can control devices, add and manage users, view dashboard information. Among other function It can track bills paid, and overall flow consumption.

  App#4:
  - Scraper for finding potential clients and solutions. Also assists in data collection.

Quest Finance - Backend Senior Software Engineer   Sep 2021 - Aug 2023

- Purely remote development and maintenance of the QuestFinance system. A brokerage system that enables easy application and processing of loans from quote, application to funding approval. The system was praised for its smooth experience for applicants and loan officer/analyst alike.
- Activities include purely backend responsibilities of feature implementation and maintenance, with some time for support for finance operatives.
- AGILE development cycle with daily 50min standups and monthly team retrospective where we each talk about what we think are things that are good or can be improved
- Tech stack consists of Typescript, React, Nodejs, AWS, PSQL.
- Also worked with Terraform of AWS.

- **Woomen.ph**

  Worked with a team as a full-stack developer to deliver a Laravel Ecommerce Project. Responsible for system data handling, setting up VCS (Git), UI enhancements, feature implementation and planning, server deployment (Heroku), setup payment gateway (Paypal), team coordination.

  Website URL - http://www.woomen.ph/

- **2080**

  An app for department communication. Functions as a billboard to keep all users updated with tasks and events. Published in web and android.

Personal Projects

- **Nintendo Switch Eshop Unofficial**

  A personal side project made using Ionic and Firebase. The app shows updated NS Eshop store listing for comfortable viewing.

- **Console Nation (Beta)**

  Made with Ionic and Firebase. The app lets people trade PS4, XBOX1, and Nintendo Switch games with other people. Marketplace monetization is planned as it gains traction.

- **Personal Assistant (private)**

Made with ElectronReact . My personal app that automates my day to day tasks. Currently integrated with Git, Trello, AWS, Gmail, Gchat. Planning to add more integrations. After refinement, might open source it or ready for monetization.

- **AutoDownload/Edit/Upload with Twitch/Youtube**

  Made with ElectronReact and Selenium. The app lets me automatically download, edit and upload with one click.

TECHNICAL SKILLS

- Highly proficient on the following languages: Javascript, Typescript, Python, PHP, Java, HTML/CSS. Also capable with Native Android (Java).

- Database Technologies: MySql, Firebase, Postgresql

- Experienced in Frameworks such as Ionic, NodeJs, Django, Laravel, Angular, Phaser, Symfony2, Hibernate, Struts2, Serverless.

- Other tools and technologies such as Git and SVN for VCS. Trello, Scrumwise, Airtable for Project Management. Draw.io for planning and presenting designs. Google Analytics, Highcharts, Google Maps, Nginx, Selenium, Puppeteer.

- Experience in cloud services, Heroku and AWS; Ec2, Lambda, S3, RDS, VPC, CloudFront, Route53, API Gateway, CodePipeline, CloudWatch, CloudFormation, IAM, Cognito, Certificate Manager, IoT, Amplify, Terraform

- Understanding of common best practices in code maintainability, security, performance optimization and scalability. Agile and Waterfall development. Software development cycle from data gathering all the way to maintenance. Happy to work with teams or as a self-managing individual.

- Continual self improvement, learning and growing new skills regardless of environment.
- Apprentice level 3D Modeling with Blender
- Game development with Godot (GDscript)

EDUCATION

2011-2016   De La Salle University
                     Bachelor of Science degree in Computer Science, Major in
                     Software Technology

SEMINARS ATTENDED

January – February   Professional Software Development (Microsoft)
        2014   *Software Technology Department, De La Salle University*

RESEARCH PAPER PREPARED

November 2013   **Social Media Posts in Accordance to the time of day**
                      A paper about the moods of people's tweets depending on the time
                     of day.

November 2015   **Improving the Route and Text Generation Techniques of BahaBa**
                     Thesis dissertation about improving a disaster management system
                     called "Bahaba" which gives out human readable instructions to safe
                     places using SMS.

REFERENCES
                     Available upon request.