

PATRICK GREGORIO

Full Stack Developer

Calgary, Alberta, Canada

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pgregorio.dev



OVERVIEW

- Skilled in using PHP, ReactJS, NextJS, Typescript, Tailwind CSS, Git, MySQL, Oracle, NoSQL, HTML5, CSS3, jQuery, and Javascript in creating web applications
- Experience using NodeJS, ExpressJS, Firebase, Appwrite, and Supabase for a modern approach to providing backend services
- Ability to use PHP Frameworks such as Laravel, CodeIgniter, CakePHP, and Kohana to speed up the development of web applications
- Experience in implementing DevOps through GitLab from planning, development, testing, releasing, and monitoring
- Dynamic and focused individual with understanding of the information technology field and knowledge of various applications commonly used in the industry such as sub-versioning systems and project management systems

EDUCATION

Bachelor of Science in
Information Technology

Saint Louis University
Philippines / 2006 - 2011

- Conducted weekly programming tutorials to help students learn or improve programming skills

EXPERTISE

- Object-oriented PHP
- ReactJS
- Git
- API Development
- DevOps
- JavaScript / jQuery
- Advanced CSS
- Database Management
- Server Management

WORK EXPERIENCE

- December 2022 – Present Vancouver, BC
Signalytic / Full Stack Developer
 - Developed a web management console dashboard using NextJS, Typescript, Tailwind CSS, Axios, gRPC, and Docker to configure, manage, and monitor a network of server nodes deployed in multiple health facilities in Uganda
 - Published a Javascript/Typescript SDK as an NPM package to provide an interface between the server that uses gRPC to expose functionalities to clients and the management console written in Typescript
 - Wrote both unit and end-to-end tests for the management console and the SDK
 - Worked with external developers to provide SQLite support for OpenMRS – an open-source medical records system
- November 2015 – April 2022 Winnipeg, MB
University of Manitoba / Application Developer
 - Created an internal API using the Slim PHP framework to allow sharing of data from one system to another
 - Developed new features and fixed bugs on a custom gap-solution tool for research administration
 - Improved the layout of the web application by making it responsive ensuring that it is easy to view and use on any device
 - Used Git to help version control the source code and help with collaboration between developers
 - Implemented our custom CI/CD to automate the way we build, test, and deploy software
 - Utilized Sentry.io to track errors and monitor our web application's performance
 - Developed a tool to help our Research Ethics Board get caught up with months-worth of backlogs saving them hundreds of hours of manually creating approval certificates

February 2015 – August 2015

Baguio City, PH

AlwaysNow Studio Pacific / Web Developer

- Developed new features and fixed bugs on an Inventory System used by the company's largest client
- Utilized the CakePHP framework to streamline the development of the Inventory System

March 2013 – June 2013

Baguio City, PH

Magic 8 Philippine Enterprises Incorporated / Web Developer

- Developed new features and made bug fixes in the company's product which was a Search Engine Optimization tool to help SEO companies manage their clients and their information
- Integrated reports by getting data from Web CEO and storing that in the database and updating if necessary to avoid constant and repetitive connections with the API
- Developed a CRON Manager to easily manage our internal and external CRON jobs
- Used TortoiseSVN to version control the project to avoid conflicts and easily fix conflicts if there are any

September 2011 – February 2012

Winnipeg, MB

Western Life Assurance / Junior Programmer Analyst

- Developed new features and fixed bugs in the company's information system which is used by agents to sell the company's products, track clients and their applications, and generate reports
- Used a custom-made PHP framework which was developed specifically for that project to ease the development of the system
- Unit tested functions to make sure they were calculating and behaving the way they were expected to
- Utilized Git, a version control system, to control new features and bug fixes before they were implemented in the actual system
- Made use of Mantis, a web-based bug tracking system, to monitor which features/bugs have been assigned, developed, tested, or deployed
- Moved hard-coded texts to a separate file and had them translated to French so that the site can easily change between two languages programmatically