Patrick Christopher Antonio S Cruz

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Education

STI College Cubao. BS Computer Science. 2007

Work Experience

- **Sunray Woodcraft Construction**

7F Sungei Kadut 3, Singapore 729143
January 2018 - present

Current Position: **Frontend Developer**
Duties and Responsibilities:
- Web/mobile development. Contributes on implementation of designs and functionality using React, Redux, ThreeJS, Grow frameworks to build e-commerce web application.
- Developing mobile versions of e-commerce using React-Native.
- Enhancement for B2B, B2C features and admin sites that controls products, merchants, and order flow.
- Responsible on bug fixing and documentation.
- Collaborating with UX, 3D artists to implement 3D models to roll smoothly into the web and mobile apps.

Projects Handled:
- Wizmarketplace (using Angular, Typescript, React, NextJS) – https://wizmarketplace.com
- Admin (using React.js) – https://admin-v2.zambido.com (username: super_admin@wizlah.com pass: abcd1234 to test)
- Wiz-Marketplace app (React-native mobile app Android, IOS)

- **Spiralworks Technologies**

8F Lepanto Bldg. Paseo de Roxas, Makati City
September 2017 - November 2017

Current Position: **Senior Software Developer**
Duties and Responsibilities:
- Building prototypes of new technologies that can be used to enhance existing applications used by the development team.
- Bug fixing and documentation.

Projects Handled:
- Univeral Push Notification Library - Developed using NodeJS with other packages to tie up Apple, GCM/FCM, AWS, Urban-Airship, Baidu, and Azure Push Notification services in one library and be able to use it as an API call.
- Report Generator - Developed using Sencha Touch, Spring Boot and Docx4j.
- API driven CMS Web Builder - In progress of development. built using GrapesJS - A drag and drop tool to build websites.

- **Aeon Information Technology Support Solutions Inc.**

8F Centris 3, EDSA Quezon City
March 2017 - August 2017

Current Position: **Software Developer**
Duties and Responsibilities:
- Responsible on implementing enhancements of existing casino websites, bug fixing.
- Participation on planning, giving suggestions on what needs to be done during scrum.

Projects Handled:

- ○ XMPP Chat Application - Developed using Angular 4 and XMPP technology. Used NodeJS for backend.
- ○ Promos and RAF server - Developed using J2EE with ActiveMQ for messaging services.
- ○ Bodog - contributes development with this online gaming casino web application. Available for both Android and iOS devices. Built using AngularJS 0.12. (http://bodog.com)

• Cloud Employee
191 Zeta Bldg, Salcedo St. Makati City
February 2016 - March 2017

Current Position: **Android/NodeJS Developer**
Duties and Responsibilities:
- ○ Responsible on implementing UI from mockups for the Android app.
- ○ Responsible on creating additional classes to map model and service layers.
- ○ Responsible on creating new endpoints to address needed data to be returned by API.
- ○ Responsible on implementing callbacks for different API calls.
- ○ Implementation of features, like cron for email marketing, payment transactions using stripe, SMS messaging using twilio, modification of functionalities of different API endpoints and routing. Also doing tests on functionalities using lab. Doing modifications for CMS and some UI changes..
- ○ Bug fixing and documentation.
Projects Handled:
- ○ FreebirdRides **–** available on Google Play, Android. Has also an admin and a wordpress commercial site. (http://freebirdrides.com). Used NodeJS, Gulp, Twilio, Stripe, Mongoose, Braintree, React, Eslint, BluebirdJS, Carthage, MongoDB, Plaid, AWS, Lyft, Uber, Mailchimp, Lab
- ○ Impact Atlas **–** available on Google Play. mobile application developed for Amplifier Technologies to collect vital information and conduct trainings for livelihood for Bengali people. Developed using Java native language for android development.

• Sprintship Philippines
7F Ascott Hotel, BGC. Taguig City
March 2014 - February 2016

Current Position: **Senior Mobile Application Developer**
Duties and Responsibilities:
- ○ Responsible on implementing UI from mockups for the Android/iOS app.
- ○ Responsible for final code review on pull requests.
- ○ Supervises colleagues to implement tasks assigned.
- ○ Responsible on bug fixing and documentation.
Projects Handled:
- ○ SprintShip Consumer App (Available on App Store and Google Play Store) – Shipping application that does same day delivery on selected areas on U.S. The application was made available for IOS and Android devices as well as on desktop web browsers. Developed using Java, Objective-C for customizing plugins within a hybrid framework. (http://www.sprintship.com)
- ○ SprintShip Mall (Module inside Consumer App) – A mobile version of the SprintShip Mall (http://www.sprintshipmall.com). An e-commerce feature of the consumer app wherein users can explore and purchase items/goods from registered online sellers of SprintShip. These items can automatically be shipped using the app.

- **Vishay Philippines**

10F Pacific Star Bldg. Makati City
September 2011 - March 2014

Current Position: **Java Web Developer**
Duties and Responsibilities:
- ○ Started working with project on Implementation phase. Migrated formulas needed for calculation from provided excel file into java code. Modification of javascript files to implement required design of calculator based on the mockup. Setup cron jobs to update values of prices, and updates on electronic specifications. Supervised tester on how to test and get results from the calculator.
- ○ In charge of initial concept and design. In charge of research on what is the project's scope and limitation. Determine needed technologies to be used in order to come up with final design proposal. Implementation of entire feature into the website. Testing and compiling using Jenkins tool. Created initial technical documentation. Modifying javascript and css files.

Projects Handled:
- ○ Vishay Network/Thermistor Online Calculator – A feature from the website wherein users (mostly engineers) can test/simulate electrical components' values to determine their desired component to purchase or also can be used for testing of circuits or for other circuitry. ([See website](#))
- ○ Vishay Unified Content Management System – A feature from the website wherein a supervisor can manage permissions and access to employees/users on specific internal applications of the company.

- **Cubepoint Philippines**

25F PSEC Bldg. Ortigas Center, Pasig City
June 2007 - September 2011

Current Position: **VB6/Java Web Developer**
Duties and Responsibilities:
- ○ In charge of supervising colleagues on how to use IDE tool practically. Also assigned to explain existing implementation at hand to the junior developers. Takes part of implementation phase to construct classes and interfaces needed based on the schema and ERD. In charge of setting up Oracle database for area testing. Refactoring redundant classes and interfaces that is commonly used. Modifying existing technical documentation to update usage of the app. Projects Handled:
- ○ MyUnidoc – Web application to handle customs and logistic transactions and requirements hosted on Netherlands.

- **A & L Call Center**

10F Tycoon Square Bldg. Ortigas Center, Pasig City

Current Position: **Javascript/NodeJS Developer**
Duties and Responsibilities:
- ○ Overall in charge of planning and design of entire web application. Contributed design proposals to eradicate manual process of generating a medical report. Supervising junior developers(2) and designer(1) to what task/module to be prioritised. In charge of setting up initial configuration on domain and maintenance. Testing models, and physically testing the web application itself and bug reporting. Doing bug fixes and implementation of new features requested by doctor.

Projects Handled:
- ○ Rptgen – Online medical report generator. Used by doctors, examiners and medical historians for reporting purposes. https://rptgen.net/revamp

Skills

- Programming/Scripting Languages: React, React-Native, Flutter, Vue, GrapesJS, Backbone, ExtJS, Sencha Touch, Meteor, Node, Yeoman, Grunt, Express, Mocha, Chai) Java(Springboot, JSF, Spring, Php(Laravel), Sdkman, ActiveMQ, DWR, Hibernate, Jersey, Android Development), ROR(Ruby on Rails), Python (used on Discord bots), Typescript

- Data Visualizations: d3.js (https://d3js.org/)

- Familiarity of blockchain technologies: web3.js (https://github.com/ChainSafe/web3.js)

- 3D framework used for mapping to web applications: Three.js (https://threejs.org/)

- Familiar configuring AWS Lambda, S3, Microsoft Azure deployment and usage

- Familiar to use and equip open source packages and libraries

- Tools: Atom, VSCode, PyCharm, Android Studio, Xcode, Eclipse, Repositories (Git, Svn), MySQL Workbench, Sublime Text, Google Chrome Developer Tools, Web Servers (Nginx, Apache Tomcat, Oracle WebLogic, JBoss), Terminal

- Persistence: MySQL, MongoDB, Oracle, MS Access, CouchDB

- Knowledgeable on web hosting, deployment of web applications into NGINX server using pm2; Hardware and software installation and troubleshooting

- Playing guitar, bass, keyboards, drums