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SEAN TRISTAN YU

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Introduction

Hey there, Sean here! A short intro before all the details about me. I started out getting a business course undergrad but took the leap to software development after graduation. Since then, I have not looked back but use my entrepreneurial skills from undergrad and my general inclination to learn things myself and think long-term to build software solutions in collaboration with a team.

I lovelearning new paradigms that may improve or challenge previous ones. I have a wide array of interests that I garnered along the way that ranges from Functional Programming, Front end Development and now mainly dabbling in Scalable Systems, Observability, Backend Development in general and solving org-wide engineering problems.

RELEVANT WORK EXPERIENCE

Software Engineer   **Xendit**   **Nov 2020 - Present**

- Building Xendit's Direct Debit Payment features by researching problems, proposing solutions and leading
    → Leveraged Tech and Knowledge: Typescript, Golang, PostgreSQL, RabbitMQ, Kubernetes Helm, Gatling,
    → Relevant Links: https://developers.xendit.co/api-reference/#direct-debit ,
      https://www.xendit.co/en/blog/xendit-brings-true-direct-debit-to-indonesia/,
- Proposed and developed org-wide solutions for Distributed Tracing on an engineering org-wide level to make Root-Cause Analysis, Bottleneck Investigation and General Visibility of microservices better.
    → Leveraged Tech and Knowledge: OpenTelemetry, Datadog, Terraform, AWS
- Helping out on writing org-wide shared libraries that is used across micro-services to implement and impose best practices easily, and speed up development of new features and services

Senior Software Developer   **ZAP Philippines**   **October 2018 - November 2020**
- Built a couple of web and mobile apps using statically typed Functional Programming languages and Serverless solutions
    → Leveraged Tech and Knowledge: **Purescript**, Typescript, Nodejs, Express, React Native, AWS CDK, DynamoDB and other AWS services
- Held internal teaching sessions on using Purescript in Production for both Frontend (React.js) and Backend (Node.js) to equip developers skill to contribute full stack on multi platform projects

Junior Software Developer   **ZAP Philippines**   **July 2017 - September 2018**
- Revamped company's mobile app with features such as QR scanning,and OTA mobile app updates that currently has around 20,000 active installs through learning cross- platform mobile dev on the go, leading a team of four
    → Leveraged Tech and Knowledge: React-Native, GraphQL, Microsoft AppCenter, Redux, Javascript, Git
- Reduced company's development team's incoming customer support tickets by building an internal admin web application using Scala Play with a team of four other jr devs
    → Leveraged Tech and Knowledge: Scala, Play framework, PSQL, NGINX, HTML/CSS/JS, Git

Lead Software Developer   **Taikuun**   **May 2017 - March 2019**
- Tried to build a tech startup on the side with a couple of talented people from different tech companies in the PH while working full time.

- Allowed the team to gather high quality user insights for our target market by developing a mobile-first web application with chat functionality, listing creation, and proper user authentication through close collaboration with a part time product designer and product manager
  - → <u>Leveraged Tech and Knowledge:</u> Reactjs, Redux, Redux-saga, Webpack, Heroku, Nodejs, Git

Internship   **mClinica**   **May 2015 - June 2015**
- Took a voluntary internship since I want to learn about tech startups and code
- Built the company's landing page through learning and using basic HTML5, CSS and Javascript

EDUCATION

Quezon City, PH   **Ateneo De Manila University**   **2013 - 2017**
- BS Information Technology Entrepreneurship
- Gained 150 active users that did transactions for our group's thesis (start a tech business) by building a simple marketplace web app through self learning basic Reactjs for front-end and Nodejs with MongoDB for the back-end