Gabriel Chua Reyes

Software Engineer
Industrial Engineer
UI/UX Designer

An industrial engineer and software product solutions designer with UI/UX design and Java backend (Android or Web)/Javascript (React) development experience since 2016 looking for a senior designer/consulting role in the fintech or supply chain/logistics industry. Passionate about digital solutions in Southeast Asia, especially oin logistics, online remittance and payments.

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Visit my portfolio website @ **gabrielchuareyes.com**

linkedin.com/in/gabrielreyes31/

github.com/gcreyes31

CODING / PROGRAMMING

Focused on:
- Java (Spring Boot MVC, Back-end/API + Microservices/Unit Testing)
- JavaScript
- Android
- React.JS, HTML/CSS (Tailwind, Bootstrap)

Knowledgeable in:
- SQL
- Python (Tensorflow/Keras ML)
- Golang
- C# (.NET Framework)

SOFTWARE DESIGN / UI/UX DESIGN / PROTOTYPING

- Figma Prototyping Tool, Adobe XD
- GIMP
- Design Thinking (Personas/User journeys, Storyboarding, Sprints, etc)
- User, Data and Process Flows
- Process Diagramming (Use Case, Activity, Sequence, Class, Statechart, etc.
- Normalization / Optimization

SOFT SKILLS

- Fintech/Supply Chain Solutions Design
- Interviews/Applicant Assessment
- Team Lead/Project Management Experience (Documentation, Delegation, Schedule Tracking, etc.)

UNIVERSITY EDUCATION

Feb 2022 – Feb 2023
National University of Singapore - Institute of Systems Science (NUS-ISS)
Graduate Diploma in Systems Analysis (GDipSA)

- Graduated with 4.32 GPA in Singapore's flagship university
- Nominated as valedictorian of graduating batch

Jun 2011 - Jun 2016
University of the Philippines - Diliman (UP Diliman)
Bachelor of Science in Industrial Engineering

- Graduated with 1.87 GWA (1.00 highest out of 5.00) in the Philippines' premier state university

Extracurriculars: UP Industrial Engineering Club (2011 - 2016), Vice President for Membership for 2015-16

WORK EXPERIENCE

Apr 2023 – Present   **Software Solutions Consultant**
AltPayNet Corp. (Philippines)

- Providing UI/UX, data analysis and software design consulting services for company's fintech solutions, including payment gateway, electronic wallet solutions, bills payment platform, etc.
- Initiated data gathering and analysis project with the company's solutions team, using Python to analyze customer issues and formulating processes to address them efficiently

Sep 2022 – Jan 2023   **Software Engineer Intern**
KAPPS Consulting Inc.(Singapore)

- Added model classes and written 5000+ lines of Java code to enhance supply chain financing solution by adding contact email functionality, re-mapping document tagging from one-to-one to many-to-many, and front-end blacklisting enhancement
- Wrote unit test and test scripts in Java, Javascript and SQL (Eclipse/Postman/MySQL) to test database integrity

Feb 2020 – Feb 2022   **Process Design Engineer**
AltPayNet Corp. (Philippines)

- Gathered requirements from multiple clients and designed/created mock-ups in Figma for a singular, all-encompassing electronic money (e-money) mobile platform for cashless transactions in the Philippines
- Coordinated with internal operations and designed an internal onboarding platform in Figma that allows clients to be onboarded into the company's payment gateway solution completely online, without the need for paper trails
- Assisted software engineers working on the development of the above software by front-end testing (HTML/CSS/Javascript) and user requirement gathering
- Interviewed 50+ software engineer applicants over the course of 3 weeks every 4 months and conducted Business Analysis/UI-UX training, resulting in 15 newly-hired software engineers over 1 year

Mar 2019 – Jan 2020   **Systems Engineer**
Webcast Technologies Inc. (Philippines)

- Led design of a supply chain/logistics software platform for truckers and warehouses, creating prototypes/wireframes in Figma for 3-4 different modules to serve as guide for development team
- Conducted multiple root-cause analyses to diagnose errors in internal processes, resulting in the redevelopment of the internal logistics dashboard for monitoring clients' GPS-installed trucks

Aug 2016 – Jul 2017   **Application Developer Associate**
Accenture Inc. (Philippines)

- Completed SAP Ariba Training as #1 Bootcamp Graduate out of 20+ new hires
- Developed a test data generator application written in VB.NET for QA team to create test data, shortening the process from 3 hours to 10 mins

PROFESSIONAL CERTIFICATION

Industrial Engineer Certification

CIE #01241-2017

- Certified by the Industrial Engineering Certification Board (IECB), issued June 2017

PROJECTS

E-Money App Template Prototype

Design Thinking (Persona, User Stories, Use Case Diagrams, Brainstorming), Figma

After conducting research on electronic money apps, well-designed common features and functionalities were compiled to create a template prototype for e-money apps that can be used as white-label solution.

https://tinyurl.com/emoneytemplate

Live Selling App Prototype

Java Spring Boot, Android, MySQL, Agora SDK

Written in Spring Boot, the Live Selling Application lets users log in/register, set up products in their account, start and schedule streams, as well as process orders from other users that tune in during their streams

https://github.com/gcreyes31/live-selling-android-frontend

Orion Gaming E-Commerce App Prototype

Design Thinking (Persona, User Stories, Use Case Diagrams, Brainstorming), Figma

Created for the Google UX Design Certification Course, the Orion Gaming E-Commerce App was created to address the need for a dedicated platform for mobile gaming. Mobile screen prototypes (low-fidelity and high-fidelity) were created after multiple rounds of research, testing and brainstorming.

https://tinyurl.com/orionappdesign

Grocery Software System Design

Design Thinking (Persona, User Stories, Use Case Diagrams), Figma

Using design thinking methods and prototyping in Figma, a software platform for multiple stakeholders (staff, customers, etc.) was created for a grocery store in need of digital transformation. Screens designed were made for mobile, tablet and desktop.

https://github.com/gcreyes31/DesignRepo/tree/main/GetFreshFood%20Screens

Course Administration System

Java Spring Boot MVC, Thymeleaf, MySQL, React.JS

Written in Spring Boot, the Course Administration System lets users log in/register as a student, lecturer or admin staff and manage their own information (grades, classes, courses) and perform CRUD functionality on them

https://github.com/gcreyes31/course-admin-system