

Vincent Megia

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Software engineer with over 18 years experience. 10 successful years in full stack development in finance and banking systems. Excellent track record leading and building enterprise systems from the ground up.

Programming Skills

Java	★★★★★
Javascript	★★★★
C#	★★★★
SQL	★★★★
Python	★★

Personal Projects: *(Website is down atm, need funding)*

1. <https://www.vincentmegia.com> (Written in Angular and REST API)
2. <http://puzzlesolver.vincentmegia.com> (Written in ReactJS)
3. Card Pair Game
 - IOS <https://apps.apple.com/us/app/pair-me-up/id6443525441>
 - Android <https://play.google.com/store/apps/details?id=com.stupendousware.pairinggame>

SINGTEL APRIL 2021 – PRESENT

Front end Squad Lead

Mobile application and Website team lead in Singtel's consumer prepaid applications. Empowers business to enable sim/esim card buy flow, topup services, prepaid plans and remittance services.

heya powered by Singtel

Website: <https://heya.sg>

IOS: <https://apps.apple.com/us/app/heya/id1599196726>

ANDROID: <https://play.google.com/store/apps/details?id=com.singtel.heyah>

Hi!App Singtel's prepaid mobile app

IOS: <https://apps.apple.com/us/app/singtel-prepaid-hi-app/id1034712778>

ANDROID: <https://play.google.com/store/apps/details?id=com.singtel.hiaccount>

- Collaborate on a weekly basis with Product Owner, Design team, Senior architect and Backend leads on planning and execution of requirement and solution
- Liaise with product owner and project manager for requirements and timeline
- Implemented pro active mobile monitoring system that enables better production support.
- Implemented modularisation in react-native applications that lowers cost.
- Oversees planning, tasks and resource management for mobile front end team
- Code critical requirements in react-native, Kotlin and Swift, ensures high quality code that meets business requirements
- Enforce industry standard and ensure user journey adheres to Design team specification
- Enforce industry CI/CD best practices
- Support for SIT and UAT activities
- Production support for incidents

Technologies Stack: React native, Swift, Java, Kotlin, Bamboo

PAYPAL OCT 2020 – FEB 2021

Staff Software Engineer

QR code gateway

QR Code(QRC) gateway API is an orchestration layer for all US PayPal QRC mobile scanning transactions. The initiative is to cut down the time spent by customers when transacting with merchants by scan to pay transactions. Develops high quality code from user stories and liaises with relevant parties for clarification. Technology stack using SpringBoot for REST API Microservices, Cobertura, PM and FindBugs for Test Coverage. Jenkins and docker containers for CD/CI.

- Liaise with product owner and project manager for requirements and timeline
- Contribute high quality code that meets business requirements
- Enforce high quality code standards
- Enforce industry CI/CD best practices
- Support for SIT and UAT activities

Technologies Stack: Java, Spring, Git, Kafka, Jenkins.

SOFGEN DEC 2016 – FEB 2021

Staff Software Engineer

CHARLES RIVER CUSTOM COMPONENTS / SENIOR SOFTWARE ENGINEER

Charles River has a rich set of APIs that enables the business to implement highly tailored components to customize user experience and help design business aligned back end services.

Responsibilities:

- Created below custom components written in C#
 - I. **Custom Blotter Actions** – a windows form button implemented to encapsulate wealth fund manager business requirements
 - II. **Back 2 Back FX** – a WCF service that creates FX/FX Forwards for settlement purposes
 - III. **Model Deviation** – a WCF service that applies special portfolio modelling for GIML accounts
- Supports Users Acceptance Testing phase
- Maintains SIT and UAT environments
- Supports issues raised in Production including bug fixes
- Writes automated unit test using NUnit for continuous integration
- Creates and maintains Team City build configurations

Technologies Stack: C#, NUnit, WCF, SQL Server, Springnet

BARCLAYS CAPITAL JAN 2010 – DEC 2016

Senior Software Engineer

VESTIMA FUND INTEGRATION

Charles River integration with Vestima provided a gateway to global funds solutions ranging from order routing, centralized delivery versus payment (DVP) settlement, safekeeping and asset servicing to collateral management. Private bankers manages creates orders by Charles river that is routed to Vestima fund solution by communicating thru SWIFT banking protocol. Played the key role in delivering complex backend system

CHARLES RIVER ANYWHERE REFRESH

Charles River Anywhere is the web platform version of Charles River which primarily used by Private Bankers (PB) and Private Banking Executives (PBEs). The re-engineered platform is designed to be lightweight with stunning interface built according to the users' most demanding requirements

CHARLES RIVER DATA FEEDS / SENIOR SOFTWARE ENGINEER

Charles River Investment Management System is used heavily by wealth private bankers for its highly sophisticated portfolio management features, Dealers edge the competition by taking advantage of its complex order management execution features. Data feed pumped into Charles River is comprised of highly complex sequence of batches where securities, accounts, positions, currencies, exchanges and FXs data is derived from different source systems. Data undergoes several phase of intense processing of cleansing, filtering, munging, merging and finally canonicalization before pumped into Charles River.

STRATEGIC CLIENT REPORTING MIGRATION / SENIOR SOFTWARE ENGINEER

A genuine reporting solution catered to deliver performance reports to banking clients from mass affluence to high net worth's. The main driver was to move-out of Actuate for cost reasons and move to SAP Business Objects. Delivered the critical web interface and enhanced the reporting engine using multi-threaded approach.

- Coordinated and demonstrated UX prototyping with business.
- Designed and developed responsive web user interface using Angular, Typescript and WebSockets
- Developed efficient and scalable back end system written in Java and Spring while leveraging concurrency using AKKA
- Enforced industry best practice for Continuous Integration and Continuous development
- Developed ETL transformation layer using ULLink to convert Charles River FIX 4.4 messages to Swift XML specification.
- Developed Java component that transforms Swift XML to Swift banking protocol (MT502, MT509, MT515) using Spring and WIFE libraries
- Implemented SQL Server stored procedure to perform data cleansing, munging, merging and canonicalization
- Developed Autosys batch scheduling jobs
- Improved erroneous Informatica Workflow manual deployment workflow thru automation
- Encouraged team members to adhere to best practices in coding, source control management and doing things the right way with no shortcuts

Technology Stack: Java, Spring, Angular, Typescript, AKK, WebSockets, SQL Server, IBM Websphere MQ, SWIFT banking protocol, Crystal Report XI and Business Objects

TANGSPAC AUG2009 - JAN2010

Senior Software Engineer

CLIENT SUITABILITY PROFILE / LEAD DEVELOPER

An online application targeted to address SEC rule 3a4. The project consists of an online application that captures suitability and trading restriction information for sales and investment representatives. It also comprises of backend processes that communicates with other system for accounts and asset class specific data and report generating components for operations to consume.

- Attended bi-weekly meeting with US development lead to capture business requirements
- Produced functional and technical requirements
- Designed and developed iterations of html user interface prototypes
- Developed web user interface using Java and Spring MVC
- Developed series of small and complex batch components written in Java, Hibernate, Spring to capture and process data from different source systems and stored on SQL Server
- Wrote automated unit test using JUnit
- Maintained SIT and UAT environment
- Engaged in level 3 or production support

Technologies Stack: Java, SQL Server, Perforce, Hibernate, Spring (IoC, AOP and MVC), JUnit

OPTIMUM SOLUTIONS NOV2007 - MAR2009

Software Engineer

POST TRADE BOOKING FEEDS BACK-END PROCESS / SENIOR SOFTWARE ENGINEER

Globally In charge of 10 instances that spans across regions of rule based message driven windows service that listen to notifications by Agora order management system that feed trades down to Back office Clearvision.

AGORA TRADE MONITORING TOOL

A trade-monitoring tool that connects and listen to a highly complex message based real time notification order management system to provide both traders and support team a centralized tool that can easily view positions and executions across different exchanges and multiple platforms.

- Designed and developed enhancements for new TOCOM reconciliation feeds for Japanese Market
- Pro-actively joined BA in requirements gathering and analysis stage to understand feasibility or a tactical solution can be suggested.
- Performs peer review with junior developer and trainings for support team for newly developed applications.

- Managed database schema, maintained creation scripts, developed change scripts, and written SQL scripts for data correction and deployment of database changes
- 2ND Level of escalation for APAC and Europe production related issues.
- Performs coding, pro-actively does peer review, profiling and performance testing of modules created by team members.

Technologies Stack: Java, Sybase and Oracle, Clearcase, Beyond Compare, DB Artisan. Rapid SQL

Education:

De La Salle University – Dasmariñas (Philippines)

BS in Computer Science

Trainings and Seminars:

- Microsoft SQL Reporting Service (2005)
- Decision Analysis Resolution (2006)