Marius Andrian Tjandrawinarto

Mobile: 8355 0551 | **Email:** marius.atj@gmail.com | **Portfolio**: mariusandrian.github.io

Full stack developer with experience as a business analyst in software development. My interest in coding is rekindled by working with developers and seeing that I wanted to solve technical problems and be more hands-on. I want to use my skills in bridging business and technical needs to design meaningful apps.

SOFTWARE ENGINEERING PROJECTS

Journaly, *journaly-frontend.herokuapp.com*

- Implemented a full stack app which aims to improve users' wellbeing by being able to log their mood and journal entries daily. Users can send private messages to others and comment on each other's posts. They can also answer daily community questions that are fetched from the database.
- Built APIs to interact with a MongoDB database using Node JS and created front-end using React.
- Implemented Passport.js for authenticating users for login and signup.

Date, *dating-app-fe.herokuapp.com*

- An app which allows users to find and match with potential partners. Built back-end and front-end for real-time notification system using socket.io as well as chat functionality for matched users. Users are able to filter other people based on their preferences and their geolocation to find those nearby.

Not a Space Invader Game

- Designed a game which allows the player to fight AI ships with increased levels of difficulty. Enemies are randomly generated and are able to track the user's movements.
- Used canvas in HTML5 and JavaScript to handle player input, animation, AI and collision detection.

Python Job Scraper

- Designed a web scraper using Python and BeautifulSoup package that extracts HTML from indeed.com and parse the contents into a csv. The extracted content is customizable depending on the filter used in the script.

SKILLS

- **Programming:** JavaScript, React, Node.js, MongoDB, HTML, CSS, SQL, Python, Pandas, JIRA
- **Methodologies:** Agile SDLC

WORK EXPERIENCE

Senior Business Analyst, *Prudential Assurance Company Singapore*   **Apr 19 - Present**

- Spearheaded the requirement gathering and development of several key business initiatives such as system integration with CRM software for leads generation, digitalization of all policy letters, tokenization of sensitive data, and developing a recommender system to drive sales.
- Developed SQL scripts that extract UAT data which helps to validate production issues and ensure smoothness in daily UAT testing.
- Collaborated with stakeholders, developers and testers in an Agile environment to ensure on-time release of an iOS app and two websites used by over 4500 agents and bankers in Singapore.

QA Specialist | Business Analysis, *Prudential Assurance Company Singapore*   **Apr 18 – Apr 19**

- Led and mentored testers in conducting end-to-end QA testing on claims system that utilises SQL, Java, IBM AS400 and other enterprise web applications. Comprehensive testing led to an improvement in system turn-around time by six-fold while meeting current business needs.
- Developed test plans for computer vision testing that involved over 60 variations of templates. The project impacts around 100 claims daily and captures customer data with 90% accuracy, thus automating claims assessment and enabling users to focus on higher value chains.
- Proposed SQL and Java tools for QA testing to enable easier execution of testing across different systems. These tools are still being used and are incorporated as training for new joiners.

EDUCATION

General Assembly   **Apr 20 – Sep 20**

Software Engineering Immersive

National University of Singapore   **Aug 13 - Jun 17**

Bachelor's Degree in Biomedical Engineering with Honours