TONY S. YU

650-660-6869   xTonyYu@gmail.com
xtonyyu.github.io/portfolio/   linkedin.com/in/xtonyyu/

SUMMARY

Goal-oriented, enthusiastic front-end software developer with full stack experiences and background in financial industries. Enjoys building user focused applications and collaborating with diverse cross-functional teams. My goal is to build innovative and intuitive applications that make lives a little easier.

EXPERIENCE

Tyemill/Syntax, Seattle, WA (remote)   2021 – present
Software Engineer
- Implemented full stack features with emphasis on frontend for fintech website redesign and applications that provide in-depth investment analysis tools.
- Built frontend and backend features for classification tool that identifies company's DNA for investment.
- Led research on new tooltip libraries with pros and cons analysis; implemented recommended library and created how-to guide for other developers.
- Responsible for maintaining in-house SASS styling library (Tailwind CSS like) to achieve uniform design across projects.
- Collaborated closely with UX designer, product manager, and QA in building, testing and deploying features using Agile development principles.
- Created nightly data importer job using APIs to query data and Sidekiq background job framework
- Created feature implementation plans which included research, code design, and costing.
- Technologies: Ruby on Rails (Model View Controller, MVC), Stimulus JS, jQuery, ViewComponent, HTML, CSS3, SASS, REST API, PostgreSQL, Sidekiq, Redis, Minitest, Jest, Selenium, Cypress, Git, Github, Heroku, AWS; Continuous Integration and Continuous Delivery (CI/CD)

OdysseyCommerce, San Francisco, CA   2020 – 2021
Software Engineer
- Built e-commerce/marketplace site for both consumers and business owners.
- Created features using React routers, hooks and Context API; developed reusable components.
- Created RESTful API endpoints and data handlers; built search functionality; incorporated third party API (Stripe) functionality.
- Technologies: React, JavaScript, HTML, CSS3, Styled Components, Go (golang), PostgreSQL, Python, Git, Bitbucket

General Assembly Immersive Program, San Francisco, CA   Jun 2020 – Sep 2020
Software Engineer
- Developed and designed various applications using programming best practice, technical knowledge (JavaScript, React, Redux, Python, Node.js, MongoDB, SQL, etc.), and optimizing code.
- Leveraged project management and leadership skills along with Agile Development principles to ensure applications are completed on time and meet the requirements.
- Completed over 600 hours of programming, projects, and expert-led instruction; gained a working knowledge of software development technologies.
- Technologies: React, Redux, JavaScript, HTML, CSS3, Node.js, Express, jQuery, Bootstrap, Python, Django, MongoDB, Mongoose, PostgreSQL

Silicon Valley Bank, Santa Clara, CA   2015 – 2020
Analysis and Insights Leader

- Built an action driven, user focused reporting tool by working closely with users and collaborating with software developers.
- Responsible for reporting analyses of clients' funds including tracking pre-IPO and IPO of technology and life-science industries, product trend, performance, and funding impact
- Slashed processing time in half (3 weeks to 1.5 weeks) by reengineering process flow and practicing Agile Development principles.

SKILLS

Technical Skills – JavaScript (ES6), HTML5/CSS3, React, Stimulus JS, Node.js, RESTful APIs, Ruby, Python, Go/golang, Rails, PostgreSQL, Minitest, Jest

Soft Skills – Empathy, problem solving, cross-functional collaboration and management, effective verbal & written communication

Other Knowledge - Banking products, finance, direct mail, credit card payment

EDUCATION

Full Stack Software Engineer Certificate, General Assembly Immersive, 2020
B.S. Nuclear Engineering , University of California, Berkeley
M.S. (coursework complete) Nuclear Engineering, University of California, Berkeley