Matthew Young

Foster City, California · y.matt12@gmail.com · linkedin.com/in/matthew-young-07 · matthewyoung777.gitlab.io/portfolio/

SUMMARY

Full-stack software engineer with experience in Python, JavaScript, and Java. Skilled in back-end development using Django, Fast API, and PostgreSQL, as well as front-end development with React.js. Experienced in system design using Docker and microservices.

SKILLS

Technical Skills: JavaScript, Python, Java, Django, Fast API, Docker, React.js, Node.js, SQL, PostgreSQL, HTML, CSS, Git, Gitlab, Heroku

Industry Knowledge: Agile Methodologies, Software Engineering, Algorithms, Unit Testing, Object-Oriented Programming, Data Analysis, Data Science

Interpersonal Skills: Teamwork, Communication, Problem solving, Adaptability, Quick Learning, Leadership

PROJECTS

Paper Stonks
Hackreactor · https://gitlab.com/apex-legends1/paper-stonks · October 2022 - December 2022
· Developed a web-based mock stock trading application simulating investment portfolios and stock trading using real-time stock price data.
· Orchestrated the creation of a highly scalable and secure REST API powered by Fast API to facilitate seamless data access.
· Crafted engaging and interactive user interfaces using React.js, integrated with real-time stock data visualization through Chart.js.
· Spearheaded the implementation of Docker-based microservice architectures for efficient deployment and scalability.
· Developed GitLab CI/CD automation pipeline while leading a 5-member team to meet project goals.

Car Car
Hackreactor · https://gitlab.com/matthewyoung777/project-beta · September 2022 - October 2022
· Engineered a web app streamlining interactions between a dealership and its clientele, inventory tracking, vehicle sales, service appointments.
· Crafted a dynamic and user-friendly front-end UI with React.js, focusing on the appointment microservice for enhanced user engagement.
· Implemented a robust RESTful API for seamless data access within the appointment microservice with Django.
· Held Scrum of scrums for discussing daily progress and sprint goals amongst the team, collaborating with Git version control.
· Designed and executed a scalable data model and microservices structure, with Django and Docker for performance and deployment efficiency.

EXPERIENCE

Autonomous Vehicle Test Specialist
Cruise   July 2021 - July 2022, San Francisco, CA
· Increased drivable testing zones by 50% through lane and route mapping techniques.
· Pinpointed and communicated problematic drive behavior data with engineers to reduce driving error frequency by 30%.
· Trained fleet operators introducing new techniques for vehicle testing which increased driverless mileage accumulation by 100%.

Autonomous Vehicle Trainer
Cruise   November 2019 - July 2021, San Francisco, CA
· Implied safety-focused methods to accumulate autonomously driven mileage for self-driving fleet.
· Curated drive quality and behavioral data for later optimization to engineering.
· Produced highest autonomous engagement ratio (90%) in the morning cohort.

EDUCATION

Software Engineering
Hack Reactor · San Francisco, CA · November 2022

Bachelor of Arts - BA, Economics
University of Washington · Seattle, WA · 2019
· Dean's List recognition for 7 quarters

CERTIFICATIONS

SQL for Data Science
Coursera · 2019