

PERSONAL INFO

Phone:

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Email:

contact@lancepu.dev

Portfolio:

lancepu.dev

Github:

github.com/lancepu

LinkedIn:

<https://www.linkedin.com/in/lancepu>

Location:

New York City

TECHNICAL SKILLS

Java	Proficient
JavaScript	Proficient
Python	Proficient
SQL	Proficient
VBA	Proficient
HTML	Proficient
Spring Boot	Proficient
ReactJS	Intermediate
NodeJS	Intermediate
Microservices	Proficient
AWS	Intermediate
GCP	Intermediate
CD/CI	Intermediate
TDD	Proficient
Unix/Linux	Intermediate

EDUCATION

Baruch College, New York, NY

Bachelor of Business

Computer Information Systems

Columbia University, New York, NY

Full-Stack Bootcamp

TRAITS

Problem solver

Work in harmony with others

Passion for learning and exploring new skills

Passion for teaching

LANGUAGES

Fluent in English

Fluent in Mandarin Chinese

SUMMARY

Software Engineer with experience in designing and building applications using MERN (MySQL/MongoDB, Express, ReactJS, NodeJS) software stack. API and microservices development with Spring Boot. Integrating cloud tools such as AWS Cognito, S3, GCP storage, Cloud SQL, containerizing applications using Docker, CD/CI using CircleCI, and deploying applications using cloud infrastructures such as AWS S3, Amplify, GCP App Engine, Container Registry.

EXPERIENCE

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| 2018 - Present | Software Engineer
<i>Mount Sinai Genomics Inc, DBA Sema4, New York, NY</i> |
| <ul style="list-style-type: none">Design, develop, deploy and maintain a Laboratory Sample Tracking System using MERN stack which effectively decreased TAT, sample misplacement and error rate.Design, develop, deploy and maintain a dashboard frontend for the product team to provide real-time status updates.Design and develop various Python scripts to automate secure file transfers between entities.Design and develop various Python scripts to monitor critical system health and provide timely alert for troubleshooting. Helped transition from reactive to proactive style for handling application errors.Employ Agile concepts in software development to keep track of ongoing changes and issues.Maintain and develop new features in the existing codebase.Deploy and setup cronjobs in Linux virtual machines.Utilize cloud services such as Google App Engine, Cloud SQL, Cloud Storage, Compute Engine, Stackdriver, AWS Cognito, S3, Amplify, Cloud Foundry for application development, deployment and management.Containerize applications using Docker.Utilize CD/CI practices using CircleCI and Jenkins for application development and deployment. | |
| 2018 - 2019 | Bootcamp student
<i>Columbia University, New York, NY</i> |
| <ul style="list-style-type: none">Design, develop and deploy an Inventory Tracking system using MERN stack for a business which provided visibility to daily inventory flows.Work extensively with Java API development using Spring Boot.Use Test Driven Development process in developing applications.Design and build monolithic applications such as game store ordering and inventory system, video rental system. Eventually breaking them down into microservices.Incorporate existing microservices to application.Apply patterns such as Circuit Breaker, Security, Queueing, Caching and Client Discovery to microservices.Teach fellow classmates on hard concepts by breaking them down into easily digestible pieces.Debug and review unfamiliar code. | |