Yuchen Pan

Chicago, IL | (224) 595-0172 | yuchenpan422@gmail.com
linkedin.com/in/yuchen-rain-pan | github.com/pyc0422

TECHNICAL SKILLS

Front-End | JavaScript (ES5 and ES6), React, HTML5, CSS3, Scss, MUI, Bootstrap
Back-End | Node.js, Express, PostgreSQL, MongoDB, MySQL, RESTful API
Testing/Deployment | Jest, React Testing Library, Mocha, Chai, AWS: EC2, Docker, NGINX
Developer Tools | Git, npm, Webpack, Babel, TDD

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

BiteShare | Full-stack developer | *Repo Link* | *React, Node.js, Express, MongoDB, MUI*   2023
An agile team of 6 engineers to develop a mobile-first full-stack splitting bill app
- Created app wireframe using UIZARD to expedite feature development for the team's reference
- Designed the route structure using **React Router**, handled private routes with user authentication
- Built management system allow the users to add users in a swipe up window and delete users by swipe
- Improved code simplicity and reduced 20% duplicate API calls by wrapping up 4 individual codes into one parent code

Atelier Backend | Backend Developer | *Repo Link* | *Node.js, Express, Postgres, NGINX, Docker*   2023
Rebuilt the back-end server with microservices architectures and scaling
- Deployed with **Docker** and horizontally scaled API increasing RPS from 500 to 8000 while latency < 20ms and 0% error rate behind **NGINX** load balancer and caching
- **ETL** of 35+ million records of data from legacy DB to PostgreSQL with indexing and correlated queries that reduced data retrieval latency from 7000ms to < 1ms
- Designed and built **RESTful** API for Q&A service that responded to requests in < 10ms when handling 1000 RPS for 30s in local **K6** stress tests

Atelier Frontend | Frontend Developer | *Repo Link* | *React, JavaScript, SCSS, Node.js, Express*   2022
Redesigned an outdated webpage by implementing new design with additional requested features
- Implemented **React** front-end service for Rating & Reviews module and matched the UI wireframes in the business requirements using SCSS
- Built client-side sorting and filtering algorithms and searching algorithms of all the reviews
- Improved Google Lighthouse Page Load Speed by 28% using text compression middleware

PROFESSIONAL EXPERIENCE

Galvanize Inc | **Software engineering immersive resident** Chicago, IL   Mar 2023 - Present
- Guide students by doing code review, addressing tech blockers, and debugging full-stack applications
- Host office hours on tech fundamentals and support the development of problem-solving skills

Social Media Influencer | Chicago, IL   Feb 2019 - Present
- Filmed and edited life-style vlogs / photos by Adobe **Photoshop** and **Premiere** with 75K followers
- Managed sponsors relationships, achieved over 35 sponsors yearly

China CITIC Bank | *Senior Mortgage Loan Specialist* China   Feb 2016 - Jul 2018
- Reviewed loan applications, verified information, checked credit score and determined eligibility
- Monthly managed 100+ new clients and issued loans for over 20 million USD

China CITIC Bank | *Personal Relationship Banking Manager* China   May 2012 - Feb 2016
- Provided wealth management portfolio for 40+ VIP customers with total management asset of > 10 million USD

China CITIC Bank | *Bank Teller* China   Jun 2011 - May 2012

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Certificate   2023
Hunan University | BA in Radio & TV Broadcasting | Law minor   2011