ADRIAN CHU

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer

Quality IT

📅 03/2020 - Present 📍 Haltom City, TX

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Spearheaded the transition of online educational platform from **LAMP** stack to modern **NextJS** & **React Native**-based architecture, resulting in a remarkable 300% increase of client company's revenue.
- Implemented high-performance RESTful API endpoints using **Node.js** and **Nest** Framework.
- Designed **Postgres** database for microservices and optimized its performance by implementing advanced indexing strategies and query optimization.
- Led and participated in the development of various web and mobile applications including Renude, Relik and MentionMe using cutting-edge technologies, including **React**, **React Native**, **Next.js**, **Node.js**, **Golang**, **Python**, and **Laravel**.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Strong background in cloud computing, including **AWS**, **GCP**, **Docker** and **Kubernetes**, proficient in designing and implementing cloud architectures, deploying and managing applications.
- Worked on CI/CD tools like **Jenkins** to automate the build process from version control tool into testing and production environment.

Senior Software Engineer

Velocity Global

📅 05/2020 - 12/2021 📍 Denver, CO

- Served as one of the lead engineers in the development of Customer Experience Platform(CXP)-SaaS product of the company with a team of senior developers leveraging **React**, **NextJS**, **Golang**, **GraphQL**, **Docker**, and **AWS**.
- Developed RESTful webservices and microservices using **Golang** for reading large volume of data from Postgres database.
- Laid and designed architectural foundation of **GraphQL** layers for transport route optimization and billing automate.
- Built a semi-auto mechanism which synchronously migrates CXP database into Glean data source using **React**, **Node**, **Python** and **Glean APIs**, resulting in a 30% improvement in speed and accuracy of data searching.
- Participated in the development of Document Management Platform(DOCX), providing **AWS Lambda**, **FormKiQ** and **OPA** solutions, and building high-performance RESTful APIs using **TypeScript** and **NodeJS**, handling an average of 1,000 large-scale requests per hour.
- Collaborated with staff and principal engineers to provide **proof of concept**, **TDD**, and design and develop robust solutions to meet product requirements.
- Worked on managing the **Git workflow**, reviewing the completed tasks and conducting the code reviews.
- Mentored less experienced team members to follow the advanced development principles and methods.

SUMMARY

Seasoned software engineering professional with over 10 years of diverse experience in the industry. Provides technical leadership and strategic direction across a wide range of projects. Skilled in all phases of the software development lifecycle, from initial planning to successful product launch. Adept at optimizing solutions, developing web and cloud-based applications, and managing global initiatives. Articulate communicator and self-motivated lifelong learner with a passion for basketball and soccer.

EDUCATION

B.S. in Computer Science

Western Washington University

📅 2009 - 2013

SKILLS

React **React Native** **Next.js**

AngularJS **VueJS** **Redux** **SCSS**

Material UI **Tailwind CSS**

Storybook **Jest** **Cypress**

Node.js **ExpressJS** **NestJS**

Python **Flask** **Laravel** **Go**

MySQL **PostgreSQL** **Redis**

Elasticsearch **GraphQL** **MongoDB**

Docker **Kubernetes** **AWS**

Google Cloud Platform **Azure**

Firebase **Supabase** **Hubspot**

Github **CI/CD** **Jenkins**

EXPERIENCE

Software Engineer

Syndio

📅 06/2015 - 02/2018 📍 Gwacheon, "Korea, South"

- Spearheaded the end-to-end development process, including database design, frontend and back-end development, and AWS deployment, utilizing **Node**, **React**, **React Native** and **MongoDB** as the tech stack.
- Worked with a team of developers to migrate the existing UI from **AngularJS** to **React**, adding an extensive list of new features, **unit** tests and **e2e** tests for all features, key users, and roles.
- Collaborated with design team to create a custom JavaScript UI framework used across the company's internal projects, which improved development efficiency by 30% and ensured consistent branding and UI across the application.
- Successfully delivered the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are actively utilizing the platform's car and motorcycle lending services using **React**, **Laravel**, and **MySQL**.
- Developed BOTs for car renting and property management services using **Chatfuel**, **Facebook**, and **Dialogflow** BOT frameworks for Facebook Messenger.
- Supported the CTO with various management tasks as high-level architectural decisions.

Front End Engineer

Enumerate

📅 03/2013 - 09/2016 📍 Clearwater, FL

- Implemented custom front-end designs and user experience flows using **HTML**, **CSS**, **jQuery**, **JavaScript**, and **Bootstrap**.
- Provided seamless user interface, kanban board, data visualizations, and designed overall user experience.
- Wrote high-quality code which covered 100+ **unit** and **e2e** tests to verify the functionality of UI components and overall workflow.
- Stayed updated with the latest **React** and **React Native** trends and libraries to enhance the app's competitive edge.
- Provided powerful support to senior developers after becoming proficient in React and frontend technologies, resulting in a stronger, more efficient tech team.
- Utilized tools like **LESS** and **SASS** for **CSS** development.

STRENGTHS

◈ Team Collaborator
Encourages open communication, fosters innovation, supports colleagues.

◈ Detail-Oriented Developer
Ensures thorough implementation, optimizes processes, improves performance.

◈ Calm Decision-Maker
Maintains composure, rationality in high-pressure situations, ensures success.

FIND ME ONLINE

in LinkedIn
https://www.linkedin.com/in/adrianchu0120

🌐 Portfolio
https://adrianchu.netlify.app

CERTIFICATION

React Expert Certificate
Hackerrank

Backend Developer Certificate
Triplebyte

AWS Certified Solutions Architect
Testdome