

Leonard Shen

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Education

Amazon Web Services - [Solutions Architect Associate](#)

Western University (University of Western Ontario) - Economics, BA

Technical Skills

Core Skills: JavaScript, React.js, React Native, Redux, Python, SQL, Git, GitHub, HTML5, CSS, REST API

Working Knowledge: Typescript, Node.js, Express.js, Playwright, MongoDB, AWS, EC2, S3, SQS, ECS, Lambda, APIGW,

DynamoDB, Bootstrap, Material UI, TailwindCSS, Xcode, Android Studio, YAML, Postman, Adobe XD, Jira, App Store, Play Store

Work Experience

MultiplAI - Full Stack Engineer (contract)

Oct 2024 - current

- Built HTML parser with OpenAI API in Python with AWS Lambda, SQS, ECS and RDS, obtaining a richer set of data compared to just scraping with Python and Scrapy, and improved the success rate to over 99%.
- Maintained, implemented new features and redesigned the UI of the Plasmio Chrome extension using Next.js, Typescript and React Context. Replaced localStorage with Chrome Storage for user data persistence across different websites.
- Increased automated testing coverage on the web app with Typescript and Playwright end-to-end testing by 35% on our web app as well as on our browser extension built with Plasmio.
- Participated in code reviews, lead sprints and standups in an Agile dev environment following SCRUM, triaged tickets and provided guidance to teammates.
- Implemented automated deployment across multiple code bases using GitHub Actions to further automate our CI/CD pipeline, reduced approximately 5 hours of manual deployment time per week.

Linggo - React Native, React Frontend Developer - [App Store](#), [Play Store](#), [Web](#)

Dec 2022 - Sep 2024

- Fixed bugs and added new features in JavaScript with React Native and Redux, and React.js on the web app. Monthly paid subscribers increased by 68% and increased total registered users by 38% since the start of 2023.
- Successfully launched app on Google Play Store, which allowed expansion into the Android market. QA/Tested apps on iOS TestFlight and Android test releases. Releases never faced any deployment issues.
- Deployed new releases to the Apple App Store and Google Play Store regularly. Managed the stores, including price changes, promotional sales and meeting requirements such as Google API updates and Apple user privacy reporting.
- Improved user experience by fixing inefficiencies and UI communications in the usage of static files, resulting in a reduction of download time by over 30% for new users and user complaints over static file handling by 100%.

Dreamsoft Productions - React, AWS Full Stack Developer (contract)

Jul 2022 - Nov 2022

- Built prototype of video file sharing app that streamlines file transfers and project collaboration onto one platform using React.js w/ Hooks, Node.js and AWS Serverless. Exceeding client's requirement by keeping server cost to minimum.
- Minimized client cloud expenses in AWS Lambda & API Gateway costs by leveraging AWS S3 Multipart-Upload and PresignedURL to upload large video files and S3 triggers to call DynamoDB writes.

Sheriff Consulting - React Native, Full Stack Developer

Sep 2021 - Jun 2022

- Built React Native (Expo ejected) mobile app with Node.js prototype for CPAs to keep records of their accounting education. The app creates a PDF with details of users' education hours and certificates for education audit defense.
- Deployed Express.js server to AWS EC2. Test releases deployed to Google Play Store test branches via Android Studio, provided a working prototype allowing the client to explore funding opportunities and user feedback.
- Built feature to create PDF for user by parsing user data from MongoDB and images from AWS S3, then immediately downloaded to the client device from S3. Streamlining multi-step file creation process into a one-click feature for users.

UV Studio - Videographer, Photographer

Jul 2009 - current

- Lead teams, coached juniors and collaborated with stakeholders and creative directors from rough edits to completion using Adobe Premiere Pro, Photoshop and After Effects for small and large organizations for their creative campaigns.

CI Global Asset Management

2003 - 2008

- Business Systems Analyst: 2007 - 2008 - Quality controlled with SQL queries to troubleshoot software bugs, working with internal and external developers for resolutions, resulting in no systemic problems with our client account statements.
- Group Retirement Service Specialist: 2003 - 2007 - Provided sales support. Increased the number of retirement plans clients by over 300% and maintained strong working relationships with investment advisors.