Leonard Shen

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Certifications & Education

edX - CS50P Introduction to Python Programming	Sep 2023
Amazon Web Services - Solutions Architect Associate	Jun 2022
Western University (University of Western Ontario) - Economics, BA	

Software Development Skills

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

Working Knowledge: Typescript, Node.js, Express.js, MongoDB, AWS EC2, S3, Lambda, APIGW, DynamoDB, Bootstrap, Material UI, TailwindCSS, Xcode, Android Studio, Postman, Adobe XD, Jira, Slack, Notion

Experience

Linggo - React Native / React Frontend Developer (permanent contract) - website   Dec 2022 - Oct 2024

- Fixed bugs and added new features in JavaScript with React Native and Redux, and improved stability of the 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 App/Play Store regularly. Managed the stores, including price changes, promotional sales and meeting requirements such as Google API updates and Apple user privacy reporting.
- Migrated React-Navigation from v4 to v5, and updated React Native versions by following official docs and using React Native Upgrade Helper, prolonging the lifespan of the app against module obsolescence.
- Improved user experience by fixing inefficiencies and adding progress bars and percentages in the downloading of the 1.2 GB image zip file, resulting in a reduction of download time by over 30% for newly subscribed users.
- Increased usability of web app by improving UI responsiveness with JavaScript and React.js. Resulted in increased site traffic by about 25% and received positive user feedback.

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 (contract)   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.
- Handled all technical responsibilities, project managed and kept non-technical client educated by breaking down complicated concepts into plain English to improve quality of communication.
- 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 (self-employed)   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 (full-time)   2003 - 2008

- Business Systems Analyst: 2007 - 2008 - Quality controlled with SQL queries to troubleshoot software bugs, working with internal and external developers for resolution and ensured smooth working relationships. Resulting in no systemic problems with our statements.
- Group Retirement Service Specialist: 2003 - 2007 - Provided sales support and increased the number of retirement plans clients by over 300% and maintained strong working relationships with investment advisors and retirement plan administrators across Canada.