

Sy Le

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SUMMARY:

I am Sy Le, a software engineer with a decade of experience at LinkedIn, Salesforce, and Yahoo. I built software for CRM, marketing automation, e-commerce, and monitoring platforms. My skills include JavaScript/TypeScript and React for front-end, and Node.js / RemixJS / Express for back-end development.

EDUCATION:

Master of Science, Software Engineering **San Jose State University** **Graduated 2019**
• Graduated with Specialization in Cloud & Mobile Computing.

Bachelor of Science, Computer Science **San Jose State University** **Graduated 2011**
• Graduated Cum Laude with Specialization in Computer Graphics.

EXPERIENCE:

Staff Software Engineer at LinkedIn **Sunnyvale, CA** **From 05/2017 To Present**

- As a Software Engineer at LinkedIn Enterprise Learning and Productivity Engineering, I leveraged my expertise in a wide range of technologies, including JavaScript, Ember, React, Node.js, Java, Spring Boot, Python, Flask, MySQL, Redis, and Azure to drive successful projects.
- Currently as a full-stack tech lead in HRIT, I lead the development of TDE—a platform facilitating collaboration among LinkedIn engineers and managers on career promotion packages, utilizing Python/Flask, SQLAlchemy, MySQL and ReactJS.
- I provided expert guidance on UI frameworks and Azure DevOps CI/CD pipelines to drive success. My insights and expertise have helped the team streamline development and achieve outstanding results.
- Worked on LinkedIn Support Portal that manages customers' chats and offline cases on Microsoft Dynamics365 CRM using C#, .NET Core, React and Microsoft Fluent UI.
- As a Full-Stack Engineer Team Lead, I led the development of Nucleus, an end-to-end purchase flow automation platform, featuring a modern React-and-Redux Front-End and a robust Spring Boot back-end hosted on Azure, with integrations with ServiceNow and JIRA.
- As a skilled full-stack developer, I have played a key role in redesigning Sendbloom's codebase, using the latest tools and technologies such as TypeScript, React, Redux, Node.js, Express, Redis, and MySQL. With my contributions, the platform is now more efficient, and user-friendly.
- I integrated LinkedIn Learning with Slideshare DocViewer, enabling end-to-end custom document content creation and viewing, which provided instructors with more options to organize and prepare their course outlines.
- At the LinkedIn GOPs Expo 2017, I developed and presented the Room Booking Assistant (RoomBA), an innovative bot that intelligently identifies the best meeting rooms and books them on behalf of users, simplifying the process and saving valuable time.

Senior Member of Technical Staff at Salesforce **San Francisco, CA** **From 04/2015 To 05/2017**

- As a Software Engineer on Salesforce Lightning / Auro, I created Aura Explorer, enabling swift exploration of component details like dependencies, references, and attributes.
- As a Software Engineer on SalesforceIQ, I contributed significantly to SalesforceIQ Inbox Desktop using TypeScript and Angular 1x, and providing leadership and mentorship to junior team members. I also built various prototypes, including an Inbox Desktop Email client with React and Electron and a Desktop Dialer with Twilio using Node.js, Express and Java.
- Won the SalesforceIQ Hackday Fall 2016 Most Creative award with the predictive email compose suggestion project and won the SalesforceIQ Hackday Spring 2017 Most Heroic award with the mass email project.

Tech Yahoo, Software Dev Engineer at Yahoo Inc **Sunnyvale, CA** **From 07/2014 To 04/2015**

- As an Engineer on the Yahoo Monitoring team, I worked on the redesign of the YAMAS 2.0 Dashboard using JavaScript, Angular, Node.js, and Express. Our redesign won an award at the internal Yahoo TechPulse 2014 conference. Additionally, I set up a CI and CD pipeline for Express back-end applications using Jenkins CI and Chef CD to streamline building and deployment.

Software Engineer at eBay Inc **San Jose, CA** **From 08/2013 To 07/2014**

- As a Software Engineer on eBay Transaction Flow and Registration team, I implemented the responsive Guest Checkout Registration and integrated Selenium UI automation to extend UI integration test coverage to iPad and iPhone with JavaScript, Java and Spring MVC Framework.

Software Engineer at eTrigue Inc **San Jose, CA** **From 10/2011 To 08/2013**

- As a Full-Stack Engineer, I used JavaScript, PHP, Node.js, C#, MySQL, Cassandra, and RabbitMQ to build key components of the eTrigue Demand Center. This includes Prospect List, Campaign Builder, ETL Jobs, and vendor integration with Cisco Webex and Citrix GoToWebinar.

Software Engineer at MTSS **San Jose, CA** **From 08/2010 To 10/2011**

- As a Full-Stack Engineer, I built Clinic Tree, a clinic portal that includes features like patient record charting, appointment management, and a content management system. The portal was built using JavaScript, C#, and .NET.

SIDE PROJECTS:

- **sqlui-native:** a cross-platform native desktop application built with Electron and React, which can manage various databases, including MySQL, PostgreSQL, MS SQL Server, Cassandra, MongoDB, and Redis. It supports Windows, Mac, and Linux operating systems.
- **display-dj:** a cross-platform desktop application that allows users to adjust brightness for integrated and external monitors and switch to dark mode. It is compatible with Windows and Mac operating systems.
- **import-fixer:** A deterministic npm executable module that removes duplicate or unused JavaScript/TypeScript imports.
- **Rest API Decorators:** a TypeScript library that make writing API Client for Nodejs and Frontend simpler inspired by **Square Retrofit library**.

SKILLS:

- **Programing Languages:** JavaScript, TypeScript, Python, Java.
- **Front End:** React, Redux, Reselect, React Query, Jest, Angular, Storybook, Sass, Grunt, Gulp, Puppeteer, Sinon.
- **Back End:** Node.js, RemixJS, Express, next.js, Python / Flask, SQLAlchemy, Java / Spring Boot, Maven, Mockito, Jackson, Jetty.
- **Databases / Technologies:** MySQL, Microsoft SQL Server, Redis, MongoDB, Selenium, Cassandra, RabbitMQ.
- **Tools:** Git, Docker, Vagrant, VirtualBox, NGINX, JIRA, Bash, Jenkins CI, Github Actions, Azure, AWS and SauceLabs.