Lyly Nguyen

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LinkedIn: linkedin.com/in/lylynguyen   **GitHub:** github.com/lylynguyen   **Portfolio:** lyly.io

>TECHNICAL SKILLS

- **Proficient:** JavaScript, ReactJS, React-Native, Redux, Alexa Skills Kit, Angular 2, TypeScript, Flow, Haste, Node.js, Node-RED, Hapi.js, Webpack, Gulp, MongoDB, AWS (API Gateway, Lambda, S3, SES, Serverless), Docker, HTML5, CSS3, Socket.IO, TDD
- **Exposure:** Jasmine, Mocha, Karma, AWS (DynamoDB), SQL, MySQL, D3, LESS, Jenkins

>PROFESSIONAL EXPERIENCE

Accenture, Liquid Studio | Software Engineer | Redwood City, CA   Jun 2016 – Present

- **Project:** Online Social Media & Social Networking Service Company   **Domain:** Web Application
  - Engineered an internal data visualization platform that analyzes hardware performance with React and Redux to optimize hardware purchase.
  - Partnered with data scientist team to drill down on required datasets to develop precise highcharts and D3 visualizations for managers, engineers, and hardware manufacturers.
  - Collaborated with PHP backend, data architect, and data science teams to ensure accuracy of data models and to finalize data contract across all teams.
- **Project:** German Manufacturing Company   **Domain:** Mobile Application
  - Utilized React-Native & Redux to develop a mobile application for an air quality management portal.
  - Used Redux and Seamless Immutable in React-Native components for predictable state management.
  - Tested and deployed weekly iOS and Android builds working closely with Xcode and Android Studio.
- **Project:** Technology and Sports Client   **Domain:** Serverless Web Application
  - Worked with team of 5 software engineers in developing production ready backend server in 12 days for SuperBowl Ad Campaign.
  - Incorporated Serverless Framework and microservices-based architecture to help multinational client launch in time for release.
  - Paired AWS SES and DynamoDB streams to create efficient email campaign.
- **Project:** European Airline Client   **Domain:** NLP (Natural Language Processing)
  - Developed comprehensive voice driven Amazon Alexa Skill for travelers that allows users to confirm flights, check flight status, search and book available flights, get specific airport details, and calculate travel time.
  - Adhering to a microservice architecture, designed an interactive platform utilizing Node.js and IBM's open source visualization tool, Node-Red.
  - Led lean engineering demonstrations for client visits and presented on rapid prototyping processes.
- **Project:** National Retail Client   **Domain:** Web Application
  - Assembled reference application that allows users to search for purchase orders and post sample purchase orders from current records to an Oracle DB.
  - Rapid prototyping of an efficient front-end with Angular 2, TypeScript, PrimeNG and Rxjs.

Office Manager | BBR Partners | San Francisco, CA   Sep 2013 - Jul 2015

- Planned and executed all quarterly corporate events, consistently staying 15% under the budget limits.
- Reduced admin budget by 10% percent by successfully negotiating with vendors to draw efficient contracts.

>RECENT PROJECTS

Software Engineer | Obie | live   2016

Service for tenants and landlords to manage maintenance requests and household finances in a web/mobile platform.

- Engineered a responsive single page design and UI routing using React and React-Native to modularize the front-end views, maintain a DRY codebase, and greatly increase render times of page updates.

- Architected MySQL database schema, writing custom SQL to create tables and establish relationships among tenants, landlords, chores, finances, and requests, using inner joins for efficient mapping of data.
- Utilized XCode to run manual tests on React-Native views to ensure iOS compatibility across multiple devices.

>EDUCATION

Golden Gate University, *M.B.A., Management, Honors*   2010
University of California, Santa Cruz, *B.A., Business Management Economics*   2006