Lyly Nguyen

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>TECHNICAL SKILLS

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

>PROFESSIONAL EXPERIENCE

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

- **Project:** Social Media & Networking 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.
- **Project:** European Airline Client   **Domain:** NLP (Natural Language Processing)
  - Developed 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.
- **Project:** National Retail Client   **Domain:** Web Application
  - Rapid prototyping of an efficient front-end with Angular 2, TypeScript, PrimeNG and Rxjs that allows users to search for purchase orders and post sample purchase orders from current records to an Oracle DB.

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.

>EDUCATION

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