

Benjamin Lin

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EDUCATION

DigitalCrafts Coding Bootcamp | *Certificate in Software Engineering*

April 2019

- Software engineering training course covering full-stack development including JavaScript (emphasis on cutting-edge frameworks like React and Redux) and server-side technologies including Node.js, Express and PostgreSQL.

Louisiana State University | *Bachelor of Science in Civil Engineering*

May 2014

SKILLS

- Node.js, React, Redux, Express, React Native, PostgreSQL, Sequelize, EJS, JavaScript, CSS, Bootstrap, HTML, Restful API, Debugging, Azure Devops, Jest, Kibana, Elasticsearch, HAProxy, Keycloak, Apache Cordova,

EXPERIENCE

Hitachi ABB Power Grids

February 2020 – Present

R&D Associate Software Engineer

- eSOMS Mobile Rounds and eSOMS Mobile Maintenance Team
 - Mobile application built with Angular 1.6.8 and Apache Cordova that provides plant operations management data collection and analysis.
 - Tasked with upgrading mobile application to be compatible with iOS 14, Android 10, and windows 10 and meet the requirements of the apple app and google play store.
 - Added additional features and repaired bugs found to meet client needs.
 - Maintained and updated build machines for CI/CD deployment release in TeamCity.
- eSOMS Mobile Logbook Team
 - Mobile application built with Sencha Touch 2.4.1 and Apache Cordova that is designed to automate in-the-field logging of activities.
 - Tasked with upgrading mobile application to be compatible with iOS 14, Android 10, and windows 10 and meet the requirements of the apple app and google play store.
 - Added additional features and repaired bugs found to meet client needs.
- Inspections Form Team
 - Worked on the Forms application built with React v16 as part of the overall enterprise Lumada application Product.
 - The Forms application is a form builder component that is created with domains and subdomains from other Lumada applications.
- Outage Analytics Team
 - Engineer for Analytics team utilizing ReactJS, Kibana, and Elasticsearch to build analytical dashboards to analyze power outages according to IEEE standards and asset reliability.
 - Developed single sign on with OpenID connect utilizing HAProxy, Keycloak, and Azure Active Directory.
 - Created multi-tenancy for Kibana using the identity provider in Keycloak to provide different access for individual nodes in a cluster.
 - Tested overall analytics application features with TestNG in Java and Jest in React.

Robertson Loia Roof, PC Architects & Engineers

April 2015 – January 2020

Structural Engineer

- Performed structural design and analysis for new and renovation building projects according to respective IBC building codes and produced construction documents using REVIT and AutoCAD software, while working with a project team in other disciplines to resolve and any conflicts or concerns to produce quality projects for our clients.

Relative Projects

ArtMart | artmart.ga | www.github.com/blin432/ArtMart

April 2019

- ArtMart is a slick and fast e-commerce platform to purchase art pieces.
- Each individual shopper has a unique shopping cart that has data persistence using an AWS database of the art pieces they are interested in purchasing. Built with React, PostgreSQL, Golang and deployed with AWS.