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Melvin Viana

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Tech Skills

- **Front End:** HTML | CSS | JavaScript (ES5/6+) | React | Redux | Material-UI | jQuery | Bootstrap
 - **Back End:** Node | Express | MySQL | MongoDB | PostgreSQL | Sequelize
 - **Deployment/Testing:** Jest | Enzyme | AWS EC2 | Heroku | Selenium (ROBOT)
 - **Other:** Git | NPM | Webpack | JIRA | Linux | Agile Methodology | TypeScript
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Projects

Craftsy - Full Stack Engineer | *React, Express, Jest, Enzyme, MySQL, AWS EC2*

Item/Shop Reviews for an eCommerce website page

- Designed and implemented REST API and MySQL Database to seamlessly access backend data
- Architected project organization and file structure that promoted clear separation of concerns
- Implemented server-side rendering through 4 microservices with the use of Pug views
- Built a suite of Jest/Enzyme tests to maintain component integrity and hierarchy

BnB - Backend Engineer | *PostgreSQL, Express, AWS EC2, Artillery, Loader.io*

Introduction information for a product on a vacation rental application

- Converted REST API to use PostgreSQL database from a MongoDB database
- Optimized database lookup speeds by tinkering with PostgreSQL table settings
- Executed load/performance tests with Artillery and New Relic to locate pain points on the backend
- Administer multiple AWS EC2 servers on AWS console and develop microservices on each EC2 instance

HackerNews Search - Sole Developer | *React, Material-UI, Algolia*

HackerNews feed displaying the latest news in technology

- Consumed Algolia API to display search results using React hooks for state management
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Work Experience

Internet Brands - Quality Assurance Engineer

2018

- Create and execute PostgreSQL queries in various test environments (QA, Staging, Development, Production)
- Built and tested automation suites with Selenium on the ROBOT framework
- Confirmed bug fixes on a staging environment before deploying code onto the production environment
- Performed cross-platform and cross-browser tests for various features and web applications
- Revamp test cases for better modularity across the various test suites

Amazon - Prime Now Shopper

2019-Present

- Shop and stage items ordered through Prime Now App and/or through Amazon.com
 - Provide support to the customer in-store to improve their shopping experience
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Education

Hack Reactor - Advanced Software Engineering Immersive

2020

Teamtreehouse - Front End Web Development Tech Degree

2019

San Diego State University - BSBA in Management Information Systems

2017