

# Akela Do-Ho

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## OBJECTIVE

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Energetic recent graduate with a keen interest in full-stack development, committed to building robust, user-centric web applications. Excited to collaborate with dynamic teams and apply my skills to solve real-world challenges.

## EDUCATION

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**San Jose State University**, College of Engineering, San Jose, CA  
B.S. in Software Engineering

**Dec. 2022**

## EXPERIENCE

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**Front-End Software Developer**, Deep Learning Rental, San Jose, CA July 2023 - Current

- Designed and built a multi-page responsive web application using React.js, providing users with a user-friendly interface to access comprehensive company information, product listings, and seamless communication channels.
- Implemented modern front-end technologies, including React Smooth Scroll, React Router for smooth navigation, and Styled Components for maintaining a consistent and visually appealing design.
- Led the redesign of the company's color branding and crafted a new logo entirely from scratch, aligning the visual identity with modern design trends and corporate objectives.
- Engineered contact and request forms within the application, streamlining user inquiries by enabling automated submission to the company's email, reducing response time and enhancing customer engagement.

**Software Engineering Intern**, CDK Global, San Jose, CA May 2022 - Aug. 2022

- Enhanced error message page to eliminate stack trace error message component when it is not present.
- Implemented React component to allow a custom styled-component button tag to appear on certain users' pages based on custom criteria.
- Verified new vendor's id with built in React and custom hooks to make API and network calls in order to check if new vendor's id was new or already existed in the database whilst maintaining custom constraints.
- Designed React Unit and Cypress test cases for all tasks with over 90% Sonar coverage.

## PROJECTS

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**BitsNBytes**, San Jose State University, San Jose, CA Jan. 2022 - Dec. 2022

- Collaborated in a team of 4 to develop a full-stack newsletter web application capstone project where users can subscribe to different news categories based on their interests such as Sports, Health, and etc.
- Designed the web application's interface with Tailwind CSS framework, HTML, and custom React card components for each news article.
- Implemented Amazon Web Services Dynamo, API Gateway, Lambda, Cognito, Cloudwatch for user login with confirmation code, manage user's account data, and update user's newsletter categories preferences.
- Integrated and leveraged data from a third-party news API to dynamically fetch and display up-to-date news articles within the application, enhancing the user experience with real-time information.

**RidPix**, San Jose State University, San Jose, CA Jan. 2022 - May 2022

- Lead a team of 4 to design an Flutter mobile game application where users guess the word based on 4 picture hints.
- Implemented custom designed button widgets using Dart for users to pick different themed categories and levels.

**AniShell**, San Jose State University, San Jose, CA Sept. 2021 - Dec. 2021

- Lead a team of 3 to design a full stack animal adoption application where users can filter, adopt animals based on species, color, and age.
- Utilized TomCat server, Javascript, and SQL to input user data from application directly to MySQL workbench database.
- Programmed functions to add, remove, and update an animal's information in the database.

## TECHNICAL SKILLS

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**Programming:** JavaScript, Typescript, HTML, CSS, Python, Java, C++, SQL, Dart

**Libraries/Frameworks:** Node.js, React, MongoDB, styled-components, Tailwind CSS, AWS, Cypress, Flutter

**Relevant Coursework:** Data Structures and Algorithms | Object Oriented Design | Mobile Development | Database Management Systems | Discrete Math | Software Engineering I & II | Computer Networks

**Applications:** Github, Visual Studio, IntelliJ, MySQL Workbench, Jira, Android Studio, BitBucket