

SAI DHEERAJ KALAGOTLA

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Professional Experience

DirecTV - Cognizant | Front-end Developer

Sep 2023 - Present

- Implemented composable software to support reusability and modularity on the DirecTV website.
- Developed and integrated new features enhancing functionality and increasing user engagement.
- Led efforts to improve website accessibility, resulting in a **30% increase in accessibility score**.
- Built reusable **React** components using **Material UI** based on provided designs from **Figma**.
- Collaborated with cross-functional teams using **Jira** and **Microsoft Teams** to deliver consistent results and meet project deadlines.

Cognizant | Full Stack Developer

Aug 2022 - Sep 2023

- Developed innovative full-stack applications in a **scrum** team leveraging **Angular** and **Spring**.
- Created modular components in **Angular** leading to improved code reusability and maintainability.
- Ensured application quality by conducting rigorous testing with **Jasmine Testing Framework**.

Projects

CrowdChord | Connecting Artists and Audiences

(Angular, HTML, CSS, Spring, AWS)

App Store: <https://apps.apple.com/us/app/crowdchord/id6469463777?platform=iphone>

GitHub: <https://github.com/PSYK1/PerformHere>

- Developed application to help artists connect with their audience using **React Native** and **Firebase**.
- Implemented secure login using **Google Firebase**, ensuring data protection and user privacy.

Pixelgram | Social Media Platform

(Angular, HTML, CSS, Spring)

GitHub: <https://github.com/PSYK1/Pixelgram>

- Created a full stack social media web application using **Angular**, **HTML**, **CSS**, and **Spring**.
- Developed a robust **REST API** with **Spring** to handle queries and authentication for a seamless UX.

FlavorQuest | Restaurant Recommendation

(React Native, HTML, CSS)

GitHub: <https://github.com/PSYK1/FlavorQuest>

- Developed a web application to help users decide where to dine using **React Native** and **Firebase**.
- Set up secure login and registration system using **Firebase** authentication.
- Utilized HTTP requests and user location to query the Yelp API for local restaurant information.

Music Matcher | Personalized Music Recommendation System

(Python, Flask, React)

- Developed a music recommendation system using machine learning algorithms.
- Implemented a front-end interface using React.js and back-end logic using Python and Flask.
- Deployed the application on Heroku, ensuring accessibility to users worldwide.

Education

Rutgers University - New Brunswick | School of Arts and Sciences

Cumulative GPA: 3.7

B.S. in Computer Science | May 2022

Skills

Languages: Python, Java, JavaScript, TypeScript, C++, HTML/CSS

Technologies: Git, Node.js, React, Angular, MySQL, MongoDB, Linux