

ABI JACOB CHERIYAN

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EDUCATION

California State University - Chico

Master of Science in Computer Science

December 2025

Chico, California

International Institute of Information Technology - Bangalore

Post Graduate Diploma in Software Development

August 2022

Bangalore, India

EXPERIENCE

Junior Software Engineer (Full Stack)

December 2022 – May 2023

RIZEE - The Perfect Guide

Hyderabad, India

- Developed services for various app components using JavaScript and React.
- Designed and implemented database schemas, including tables, indexes and views, to efficiently query large datasets for data analysis and generate reports for various client companies.
- Ensured timely updates and coordination with the business development team and UX developer for new services added.

Audio Engineer

August 2016 – April 2021

Nadabramha Records

Hyderabad, India

- Produced professional audio/visual content for various trans-media projects using advanced audio engineering software and techniques.
- Led the production of audio/visual content for 'Vaccine Setu' a 'Covid-19 Vaccine app' designed to help people search for the nearest vaccine center demonstrating strong project management and technical skills in multimedia integration.
- Achieved 1st runner-up in 'UMM CIRCUIT 2.0', a national DJ battle organized by Pioneer DJ, UMM India, Future Group Central and Submerge Entertainments, and won the regional finale in Hyderabad, demonstrating excellence in audio performance and engineering.

PROJECTS

Undulate Music App | *Flutter, Google Firebase, GitHub*

April 2024 - Present

- Developed an artist portfolio and music streaming app for independent artists to host their music as well as manage bookings.
- Utilized Google Firebase as the primary database for app development, implementing Firebase Authentication to manage user registration and secure access to the application.
- Leveraged Google Firebase Storage to store and manage audio, video files, and image assets, dynamically displaying them on the UI and incorporating real-time playback of audio and video content within the application.

Doggoland Dog Breed Information App | *JavaScript, GitHub*

September 2022 - March 2023

- Designed dynamic landing and portfolio pages using advanced JavaScript and jQuery, allowing users to view detailed information on various dog breeds.
- Implemented a Dark Mode toggle feature with JavaScript, providing users with an easy way to switch between themes on both the Home and Portfolio pages.
- Developed a pop-up modal with an automatic image slider and detailed dog breed information to create smooth transitions and enhance user interaction.

Book My Movie App | *React, JavaScript, MaterialUI, Github*

March 2022 - July 2022

- Developed and customized the front end of the application using React and Material-UI, enabling users to browse, filter and view details of upcoming and released movies, enhancing user engagement and experience.
- Implemented user authentication and authorization features, including login and registration modals, by integrating Firebase authentication, ensuring secure access for registered users.
- Integrated local database to manage and store user data, movie details, and booking information, facilitating real-time data updates and seamless booking experience.

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Swift, Java, C++, SQL

Developer Tools: Git, VS Code, Xcode, Android Studio, Eclipse, Firebase, Google Cloud Platform

Technologies/Frameworks: React, Bootstrap, Node.js, Swift UI, Gitlab CI, GitHub

HOBBIES / INTERESTS

Music composition, Sound design, Vlogging, Video editing, Content creation, Graphic design, Strength training, Swimming