

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.

Sound Design Associate / Freelance Disk Jockey

August 2015 – April 2021

Nadabramha Records

Hyderabad, India

- Worked on producing professional audio/visual content for various trans-media projects.
- Successfully produced the audio/visual content for 'Vaccine Setu' a 'Covid-19 Vaccine app' designed to help people search for the nearest available vaccine center and navigate to it.
- Won accolades as the '1st runner up' for 'UMM CIRCUIT 2.0' (2017) a national level DJ battle organized by Pioneer DJ, UMM India, Future Group Central and Submerge Entertainments and stood 'Winner' for the regional finale in Hyderabad.

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