KIRUBAKARAN K

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SUMMARY

Ambitious Computer Science student with expertise in full-stack, front-end, and mobile development. Skilled in integrating APIs, managing databases, and building user-focused applications with Flutter, Kotlin, and ReactJS. Dedicated to delivering high-quality software solutions and continuously enhancing technical skills.

EDUCATION

Karpagam College of Engineering, Coimbatore,   **2020 - 2024**
B.E in Computer Science Engineering   CGPA - 8.76*

St. Ignatius Higher Secondary School, Buthapadi   **June 2019 - March 2020**
HSC Stream: Computer /Mathematics / Physics / Chemistry   Passed with 80%

St. Michael's High School, Michaelpalayam,   **June 2017 - March 2018**
SSLC   Passed with 86%

PROJECTS

Smart Bookmark   **March 2024**

- I developed a Chrome extension designed to streamline the process of saving and organizing links directly within the browser. This extension, built using HTML, CSS, and JavaScript.
- These links are stored in local storage.
- HTML for the user interface elements, CSS for styling, and JavaScript for handling user interactions and data management in this project.

SKILLS

Languages	C,Java, Kotlin
Frontend	ReactJs, HTML, CSS/Bootstrap, JavaScript/TypeScript
Mobile Development	Flutter, Android (Room, Retrofit)
Backend	NodeJs, NestJs, Prisma ORM
Databases	Mysql Database, Room
Developer Tools	Git,Visual studio code,Katalon studio,Dev c++,Postman

INTERN EXPERIENCE

Software Development - Intern   **June 2024 - August 2024**
Agnitio Systems   *Coimbatore*

During my internship at Agnitio Systems, I contributed to the development of mobile applications using Flutter and Kotlin. I was involved in the integration of the YCBT SDK and created essential components such as login, signup, and edit profile pages with validation and API integration.

User Authentication and Profile Management   **June 2024 - July 2024**

- Developed and implemented a login, signup, and edit profile functionality with robust input validation.

- **Integrated APIs** for seamless communication between the app and the backend, ensuring data consistency and security.

- Utilized **Flutter** with **Visual Studio Code** and **Kotlin** with **Android Studio** to deliver a responsive and user-friendly interface.

- **Learned** and applied **Room database** management for local data storage, enhancing the app's offline capabilities.

- **Integrated Bluetooth functionality** to connect with devices like O2 and BB machines, capturing and displaying their readings directly in the app's UI.

YCBT SDK Integration   July 2024 - August 2024

- Successfully integrated the **YCBT SDK** into the mobile application, enabling connectivity with health monitoring devices.

- **Retrieved ECG data** from connected devices, ensuring accurate data capture and display within the app.

- Conducted testing and debugging to ensure seamless SDK performance within the app ecosystem.

Software Development - Intern   September 2023 - March 2024
Argenbright Innovation Labs India Private Limited   *Bangalore*

The Peazy app serves as a comprehensive platform empowering customers to efficiently manage their facilities.Users can effortlessly create job listings, which are then open for bidding by vendors who subsequently fulfill the tasks. The following project and POC's are completed in Argenbright Innovation Labs.

Customer Add Facility Setup   October 2023 - December 2023

- Facilitated seamless addition of customer facilities, enhancing user experience and service offerings.

- Front-End :Implemented **ReactJS** with **TypeScript** and **styled-components** for front-end development.

- Back-End : Utilized **Maptiler API** for location selection and **NestJS** with **Prisma ORM** for back-end, integrating **AWS S3** and **MySQL** for data storage.

Voice and Video Call - POC   October 2023 - December 2023

- Developed a **React Native** app to evaluate performance of GetStream and **sendbird** APIs for potential integration.

- Conducted thorough testing and analysis to assess functionality and feasibility for future features.

Chatbot-POC   December 2023

- Created a simple chatbot using API integration to provide management-related assistance based on documented information.

- Enhanced user engagement and efficiency through automated responses.

Testing Automation - POC   January - March 2024

- Automated testing processes for Peazy Android App using **Katalon Studio**, **appium** and **uiautomator2**.

- Streamlined testing procedures, improving app reliability and user satisfaction.