

Tryamb Sachan

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EDUCATION

KIET Group of Institutions, Ghaziabad — B.Tech
Cumulative GPA: 8.06/10

Dec 2020 - Present

WORK EXPERIENCE

Hazyaz Technologies (Virtual) [Certificate](#) — *Android Development Intern*

Mar 2023 - May 2023

- Acquired practical knowledge in utilizing essential technologies and features such as **Cloud Firebase, SQLite, LiveData, RecyclerView with Adapters, Glide, and ExoPlayer**.
- Worked on 3 android applications during internship using XML for UI and kotlin for backend services.

DSC-KIET — Web Developer

Jan 2022 - Apr 2022

- Contributed actively to the "DSC-KIET" College Development Club for 4 months, leveraging my expertise as a web developer to enhance skill-building activities.
- Mentored junior members, fostering collaboration and providing guidance within the club.

Mystical Production Pvt. Ltd. (Virtual) — AR Development Trainee

June 2021 - Aug 2021

- Learnt about marker based AR using Vuforia Engine and marker less AR using AR foundation, made length measurement app using Unity Engine and C#.

PROJECTS

Student Reside: Housing & Food Finder | XML, Kotlin, Java, Firebase, Razorpay, WebView

[Github](#)

- Created a user-friendly mobile app that offers a list of hostels and PGs, along with tiffin centers, to reduce students' accommodation and food search time.
- Enabled study material sharing, with PDF downloads, and included a chat feature for students, supporting 2 types of messages: text and image.

Aero Sense: Weather forecasting app | HTML, CSS, Javascript, ReactJS, OpenWeather API

[Github](#)

- Delivers weather updates with loading time less than 5 ms.
- Fetches real-time data from OpenWeather API, providing forecasts with up to 95% accuracy.

Expense Management Backend API | NodeJs, ExpressJs, MongoDB

[Github](#)

- Developed a robust backend API using Node.js, Express, and MongoDB for an expense management system, implementing endpoints for user signup, login, forget password, change password, and JWT token authentication to ensure secure access.
- Designed endpoints for adding expenses with title, date, and amount to centralized storage for each user and retrieval from the database.

AR Length Measurement App | C#, Augmented Reality (AR plane manager, AR raycast), Unity3D (Line renderer)

[Github](#)

- Measures the length of any real-world object without physical tape, requires camera permission for detecting the plane and augmenting a 3D line.
- Provides **98%** accurate results while measuring the length of any object.

SKILLS

- Languages:** C++, Kotlin, Java, HTML, CSS, JavaScript
- Libraries and frameworks:** Bootstrap, React, Redux, Node
- Databases:** MySQL, MongoDB, Firebase, AWS
- Tools and Technologies:** Android Studio, Unity3D, Git

CERTIFICATES

- Data Structure in C++ authorized by University of California San Diego and HSE University. [Certificate](#)
- CAD101EN: Introduction to Cloud Development with HTML, CSS, and JavaScript. [Certificate](#)

ACHIEVEMENTS

- Participated in 10+ hackathons (Finalist in Hackathon named "HackDefine" with team "GoogleDevs").
- Solved 400+ problems** on Hackerrank, Codechef, and Leetcode.
- Participated in HacktoberFest 2022 and contributed to open source.
- Selected among the top 100 students in the M3 (Mission Million Minds) college coding competition.