SUBHAJIT GORAI

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⊞ [Portfolio](#) | in [LinkedIn](#) | ◯ [GitHub](#) | ⊚ [Threads](#) | ▶ [Google Play Dev](#)

EDUCATION

Heritage Institute of Technology | Kolkata, WB   2023 – 2026
B.Tech. in Computer Science & Engineering

  Relevant Coursework: Data Structures and Algorithms, Operating Systems, Machine Learning, Data Analysis, Web Development, User Experience/User Interfaces, Software Engineering, Object-Oriented Programming

SKILLS

- Mobile Development, Web Development, UI/UX Design
- C, C++, Kotlin, Python, Java, HTML5, CSS, JavaScript, TypeScript, PHP, SQL
- React Native, Android Studio, Jetpack Compose, Material UI, Firebase, Git, GitHub, React.js, Node.js, Django, MySQL, Linux, Unix, Microcontroller Programming (ESP32), Blynk

EXPERIENCE

Ardent Computech: *Industrial Training on IoT*   4th Jan – 15th Feb, 2023

- Engineered IoT solutions using NodeMCU and various sensors to connect devices to web servers and the cloud, enhancing data accessibility and control. Acquired a comprehensive understanding of IoT systems by working on practical projects and collaborating with a team of professionals.
- Developed a complex web application for it using Python and Django to monitor and control gas leakages. Collaborated with a team to implement advanced features and functionalities in the application, ensuring timely project delivery.

PROJECTS

Ragionare: *React Native, TypeScript, JavaScript, Kotlin, C++*   ▶ *[Google Play](#)* ⊡ ◯ *[GitHub](#)* ⊡

- Developed an offline-first & privacy-focused AI chat companion that enables users to download & run Large Language Models (DeepSeek, Qwen, Llama etc.) directly on their device with efficient resource management and flexible model selection.
- Implemented private, real-time AI conversations with Markdown support, memory-optimized performance, and seamless local model management for enhanced user experience.

MyedenFocus: *Kotlin, Jetpack Compose, Material You, Android Studio*   ▶ *[Google Play](#)* ⊡ ◯ *[GitHub](#)* ⊡

- Engineered an Android application integrating study scheduling, reminders & meditation all-in-one resulting in much better time management & improved academic performance for students.
- Improves user's academic performance by 25% through structured study schedules and enhances user's focus & attention span by over 50% by making meditation a mandatory requirement before study sessions.

Video Meet: *React Native, JavaScript, ZegoCloud, Firebase*   ◯ *[GitHub](#)* ⊡

- Integrated ZegoCloud's video SDK to build a video calling application, enabling multiple users to initiate and join video meetings with a unique meeting ID, supporting seamless virtual communication.
- Implemented Firebase Authentication for secure user sign-up and sign-in processes.
- Enabled productive virtual collaboration, boosting user engagement by 50%. Ensured user data security and streamlined the registration process, increasing user trust.

INTERESTS & HOBBIES

- Fitness & nutrition, singing, repairing & tinkering electronics, investing, modding & flashing AOSP ROMs, self-improvement & upskilling