Avinav Prasad

ANDROID APP DEVELOPER

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Skillset

Languages	Dart • C/C++ • Java • Kotlin • Python
Frameworks/Technologies	Flutter • Firebase • Figma • Flame engine • GetX • Flutter Web • Riverpod • Rive Android Studio • Git/GitHub • Linux

Work Experience

Lead mobile app developer
TECUDIA

New Delhi, Remote
July, 2023 – Sept 2023

- Developed a responsive food ordering and Room/Banquet booking application – 'Bhojan Order' for a hotel owner client.
- Constructed all front-end for both the customer and owner side interfaces using Flutter framework and Dart.
- Implemented external API and database integration with the UI, along with push notification and many more useful features.
- State management of the entire app was handled using GetX state manager framework.

Flutter Application Developer
F SQUARE MEDIA

New Delhi, Remote
May, 2023 – June 2023

- Developed and launched 'The Thrift Store' a fully functional real-world e-commerce platform, for both Android and iOS users.
- Introduced and implemented a feature for customers to follow the merchant and get future updates from them.
- Innovated on-spot custom category function and corresponding results and completed an efficient cart component.
- Tested the app using automated testing tools with testing team.

Co-founder and Lead Mobile Application Developer
APPARELWALA

Gujarat, Remote
March, 2023 – Present

- Converted the idea of a smooth and hassle-free B2B transaction platform to real world project.
- Fabricated UI/UX for mobile and web interfaces, with the designing team.
- App is built for both online and offline functionalities, and a full rollback system was developed so that each transaction is at a steady state, either completed or pavilioned.
- Created and integrated RESTful APIs with backend development team and managed the database using Firebase console.
- Pitched the idea in Xartup Fellowship and scored an all over India rank of 17 which raised a significant fund for further advancements.

Co-author in a published research paper titled: "Impact of Hindustani ragas in stress management"

B.I.T. Mesra, Ranchi

B.I.T. MESRA, Remote
April, 2023 – Sept, 2023

- Finished research under Prof. Soubhik Chakraborty, on the topic: Hindustani Raga Analysis Using Statistical Musicology with Therapeutic Applications for Stress Management.
- The research paper is hosted by Journal of AppliedMath which is published by Academic Publishing Pte. Ltd.
- Designed and programmed a Music app which allows the user to choose symptoms and relevant Raga music will be recommended.
- Application also provides custom frequency and raga level for users having musical background.
- A profile management feature is also implemented, the app is in prototype stage.
- The recommendation model is based on *Perceived stress scale (PSS)* and the observations obtained from *paired t-test*.

Education

Birla Institute of Technology, Mesra
Integrated **M.Sc.** in Mathematics and Computing

2020 - Present

Jawahar Vidya Mandir, Shyamali
AISSCE (ALL INDIA SENIOR SECONDARY CERTIFICATE EXAMINATION)

2018 - 2019

- 12th percentage (PCM) : 82.40%
- 10th CGPA: 10.0 / 10.0

Projects

- **DevOps RoadMap 2022 (for beginners)**
  This app provides a very easy-to-follow and systematic roadmap (guided by Mr. Saiyam Pathak) for beginners starting their journey in DevOps.

- **World Time App**
  An app used to determine the current time around the world using API.

- **Task Scheduler**
  An app through which users can maintain consistency and complete their daily tasks.

- **Expense Tracker**
  This responsive app allows users to track their expenses and save money from unnecessary spending.

- **Pomodoro App**
  A simple and neat UI and running app to follow the Pomodoro-technique and complete work with high efficiency and a good yield.

- **Stopwatch**
  It is a simple Stopwatch app that also supports the Time-laps feature.

- **Note Making App**
  An app that helps users to take notes when needed and also allows to store it for later use, using Firebase.