ROHIT MANTUR

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Profile

Computer Science undergraduate skilled in Flutter app development, web development, and Firebase integration. Strong understanding of computer networks and operating system concepts, with hands-on experience building secure and user-friendly applications. Passionate about creating efficient, reliable tech solutions.

Education

Bachelor of Engineering (B.E.) in Computer Science & Engineering — *2022 – 2026*
Basaveshwar Engineering College, Bagalkote — **CGPA:** 7.93

Pre-University Course (PUC) — *2020 – 2022*
Tejas International Science & Commerce College, Bagalkote — **Percentage:** 69%

Technical Skills

- **Programming Languages:** C, Java, Python
- **Web & Application:** HTML, CSS, Flutter
- **Databases:** MySQL, Firebase
- **Tools & Technologies:** Git, VS Code, Android Studio

Projects

Students Academics Management (SAM) – Mobile Application

Oct 2024 – Dec 2024

Technologies Used: Flutter, Firebase, Dart

- Developed an academic management app with role-based authentication for students, teachers, and admins. Integrated Firebase Firestore for real-time attendance tracking and secure login using Firebase Authentication. Enabled admin control over class schedules and designed intuitive student dashboards for attendance, exams, courses, and results.

Bagalkot Tourism – Mobile Application

June 2025 (On going)

Technologies Used: Flutter, Firebase, Dart

- Bagalkot Tourism is a cross-platform mobile application developed to digitally promote tourism in the Bagalkot district. The project was initiated under the guidance and with the support of **Shri Santosh Jagalsar, Assistant Commissioner, Bagalkot**, aiming to showcase the region's heritage, culture, and tourist attractions through a modern, user-friendly app.

Intrusion Detection System (IDS) using Ensemble Model

Feb 2025 – Apr 2025

Technologies Used: Python, Pandas, NumPy

- Designed and implemented a machine learning-based IDS using ensemble learning techniques to detect malicious network activities.
- Utilized multiple classifiers to improve detection accuracy and reduce false positives.
- Evaluated the model on benchmark network traffic datasets, achieving enhanced performance over individual classifiers.

Achievements

- **1st Place**, Avishkaar College-Level Project Competition – Students Academics Management App.
- **3rd Place**, Innovate X Hackathon – Students Academics Management App.