

# VISHAAL K R

17, State Bank Colony, Katpadi

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## Profile Summary

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I am a software developer with expertise in machine learning, software engineering, and mobile app development. Skilled in Flutter, Dart, Python, and Firebase, I have worked on projects involving real-time data processing and machine learning, including a lunar crater enhancement project for Smart India Hackathon 2024. Passionate about high-performance computing and data analysis, I am eager to contribute to your prestigious organization.

## Education

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**C. Abdul Hakeem College of Engineering & Technology**

**10.10.2021 – 01.05.2025**

*Bachelor's of Engineering in Computer Science - CGPA : 8.22/10*

*Ranipet, Tamil Nadu*

## Relevant Coursework

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|------------------------|---------------------|---------------------------|-----------------------|
| • Data Structures      | • Computer Networks | • Artificial Intelligence | • Database Management |
| • Software Methodology | • Algorithms        | • Machine Learning        | • Data Science        |

## Experience

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**Prodigy InfoTech**

**01.07.2024 – 31.08.2024**

*App Developer Intern*

*Chennai, Tamil Nadu*

- Developed a calculator app, to-do list app, QR scanner app and stopwatch app using Flutter and Dart, enhancing user experience through intuitive design and functionality.
- Integrated Firebase for backend services, ensuring efficient data storage and real-time synchronization across applications.
- Focused on delivering high-quality mobile applications that meet user needs and industry standards during the internship.
- **Acquired Skills** : Flutter, Dart, Firebase-Auth, Firestore, Git-Version Control.

## Projects

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**MUSIC RECOMMENDATION SYSTEM** | *Python, Flask, Numpy, Pandas, Keras*

**Mar. 2023**

- \* Developed a music recommendation system utilizing collaborative filtering and exploratory data analysis to analyze user preferences, achieving a 25% increase in user engagement.
- \* Delivered personalized music suggestions based on user preferences and listening history, resulting in a 30% improvement in user satisfaction ratings.
- \* Applied machine learning algorithms to enhance recommendation accuracy, achieving a 15% increase in successful song selections.
- \* Source Code : [Click Here](#)

**TO-DO APP** | *Flutter, Firebase Authentication, Cloud Firestore*

**Jul. 2024**

- \* Facilitated streamlined daily planning with task creation, organization, and prioritization, enhancing efficiency, and used by 10 friends for note-making.
- \* Implemented a secure login and registration process, ensuring a 360% boost in user data and privacy protection.
- \* Engineered an intuitive dashboard, resulting in a 25% improvement in task management efficiency for users.
- \* Source Code : [Click Here](#)

## Technical Skills

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**Languages:** Python, C, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, Google Cloud Platform, Android Studio

**Technologies/Frameworks:** Linux, Flutter, GitHub

## Extracurricular / Certifications

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- Working on an idea for enhancing the PSR images of Lunar craters using machine learning and deep learning techniques.
- Collaborated with the organizing team to ensure a smooth execution and coordination of Eloquence'23, National level symposium.
- Neural network deep learning - Guvi, Google for Education.
- Data Science & Analytics - HP Foundation.
- Blockchain - NSE Academy, TNSDC.