PIYUSH GUPTA

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EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
BTech. Computer Science and Engineering
GPA: 9.46 out of 10   2020-2024 | New Delhi, IN

KULACHI HANSRAJ MODEL SCHOOL   2020| New Delhi, IN

SKILLS

Programming Languages: Proficient in C/C++, Python, Dart, Kotlin, JavaScript, HTML, and CSS.
Databases: Experienced in Firebase, MYSQL, and MongoDB.
Tools and Platforms: Skilled in Android Studio, Figma, Canva, and VS Code.
Frameworks and Technologies: Competent in Android Development, Flutter, Machine Learning, RestAPIs, and Frontend Web Development.
Core Concepts: Expert in Data Structures, Algorithms, and Object-Oriented Programming.
Software Proficiency: Adept in Excel, Windows OS, and MS Office 360.
Problem Solving: Skilled in troubleshooting and testing to ensure seamless performance.
Communication and Networking: Effective communication skills to collaborate with cross-functional teams and stakeholders.
Leadership and Teamwork: Demonstrated ability to lead and work effectively in a team-based environment.

WORK EXPERIENCE

SHUNIYAVIGYAN | Flutter Developer Intern   **JAN 2022 – MAY 2022 | New Delhi, IN**

- Leading a team in the design, development, enhancement, bug-fixing, and maintenance of a mobile application at Shuniyavigyan.
- Creating rich user interface modules using List View, Scroll View, View Pager, Navigation Drawer, and Custom View to provide an engaging and intuitive user experience.
- Implementing fetching data from the backend in JSON format to ensure seamless functionality.
- Using agile methodologies to prioritize and manage tasks effectively.

INDUSTRIAL PROJECTS

BHOLU   **Flutter Application, Dart**

- Designed and developed an educational Flutter application for a project, aimed at facilitating learning programming in Hindi for students.
- Implemented a feature in the application to allow users to code in both Hindi and English via a terminal.
- Utilized best practices in Flutter development, such as creating a smooth and intuitive user interface, to enhance the user experience of the educational application.
- Incorporated feedback from project stakeholders to improve the overall functionality and effectiveness of the application.

PERSONAL PROJECTS

BOOKMYPARKINGLOT- A PARKING MANAGEMENT APPLICATION   **Nov 2022| Flutter Application, Dart**

- To address the challenge of finding parking spaces during peak hours.
- Created an intuitive user interface to display real-time data on vacant parking spaces, which helps users save time and avoid the hassle of searching for parking spots.
- Implemented a two-way system for the app that includes both user and admin functionality, allowing users to view vacant parking spots and parking owners to manage and monitor their spaces.
- Demonstrated strong problem-solving skills and attention to detail in ensuring accurate and up-to-date data on parking availability.

Source Code – *CLICK HERE*

RESTAURANT REVIEW ANALYSIS – A MACHINE LEARNING MODEL   **2022| Jupyter Notebook, Python**

- To classify positive and negative reviews of the Restaurant
- Natural Language Processing - Naïve Bayes

Source Code – *CLICK HERE*

BEAT THE BASE – A MACHINE LEARNING MODEL   **2022| Jupyter Notebook, Python**

- To classify astronomical sources using photometric, spectroscopic, and mathematically calculated features into 14 classes (all of which have been described in the base model
- Base Model Accuracy: 0.837
- Improved Model Accuracy: 0.919

Source Code – *CLICK HERE*

SOLAR- A SOLAR SYSTEM GUIDE   **Dec 2021| Flutter Application, Dart**

- Created a Solar System Guide that can be used on both IOS and Android even as WebApp with a smooth and animated interface.
- Contains Login Page and Various screens describing planets.

Source Code – *CLICK HERE*   **APK**- *CLICK HERE*

CERTIFICATIONS AND RECOGNITION

Ducat	Machine Learning Training
Udemy	Public Speaking: A tactical approach
QwikLabs	Google Cloud Engineering Track
QwikLabs	Data Science and Machine Learning Track
Forage	Goldman Sachs: Engineering Virtual Program

ACHIEVEMENTS

Year	Achievement	Event
2022	FINALIST	SMART INDIA HACKATHON (GOVT.)
2022	Finalist	HackCBS5.0
2022	Speaker	Flutter Session at GDSC-BVP
2021	1st Rank	First Semester, All Departments
2021	8th Rank	First Year, Computer Science Department
2021	1st Position	Beat The Base Return, BVEST 2021