Ashutosh Pandey

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Internship

Summer Internship   **June 2023 - July 2023**

Fifth Force

- Learned to work with Android Studio and Version control systems like Git.
- Designed and developed a feature-rich Scientific Calculator Android application using Kotlin, integrating advanced mathematical functions and a user-friendly interface.
- Optimized application performance, slashing load times for records and boosting overall efficiency tenfold.

  Employed multithreading techniques to enhance application responsiveness and mitigate UI freezing during complex calculations.

Projects

'FLasz' A Chatting Application / *Desktop Application Development , Responsive UI Design , Java*   **March 2023 - June 2023**

- Developed a GUI based chatting application in which many users can chat simultaneously.
- Crafted an intuitive and visually engaging Graphical User Interface (GUI) using Swing, ensuring an immersive chatting experience for users of all levels.
- Integrated advanced encryption techniques to safeguard user privacy and confidentiality, ensuring end-to-end security for all transmitted messages and data.

Iris Flower Classification / *ML model, Python*   **Sept 2023 - Dec 2023**

- Built a high-precision Iris Flower Classification model, leveraging Python's powerful machine learning libraries to discern subtle patterns in iris flower features.
- Utilized Matplotlib and Seaborn libraries to visualize decision boundaries and model predictions, providing interpretability and insights into the classification process.
- Conducted rigorous model evaluation using precision, recall, and F1-score metrics, ensuring robust performance across diverse iris flower species and data distributions.

Scientific Calculator | *Desktop Application Development ,Python*   **Sept 2022 - Dec 2022**

- Built a GUI based desktop application with all basic functions of Calculator.
- Leveraged Python's Tkinter library to design a visually appealing Graphical User Interface (GUI), ensuring effortless navigation and interaction with the calculator's functions.
- Integrated NumPy library for efficient numerical computation, enabling lightning-fast calculations.

Certifications

Android App Development using Kotlin   **July 2023**

*Fifth Force — www.fifthforce.in(*Reg. No: KL04482N2022000001*)*

Google Analytics   **Feb 2024**

Google Analytics Academy – https://analytics.google.com/analytics/academy/profile?c_id=6

Project Management Foundations(PMI)   **Feb 2024**

LinkedIn Learning -- https://lnkd.in/g56Wd6fA

Technical Skills

Languages Python, Java, Kotlin,React, MongoDB, Node.js

Technologies/Frameworks: Machine Learning, Android Studio, MERN Stack, My SQL, Flask, Blockchain

Skills: Data Structures and Algorithms, Java development, Android Development, DBMS

Education

Lovely Professional University Punjab   **2022 – present**

Computer Science and Engineering — CGPA: 6.55   *Jalandhar, Punjab*

Government Polytechnic Puranpur   **2019 – 2022**

Diploma in Mechanical Engineering — Percentage: 74.4%   *Pilibhit, Uttar Pradesh*