Shubhanshu

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Education

Maharaja Agrasen Institute Of Technology,Delhi   2022 - present
B.Tech - Computer Science Engineering (Lateral Entry)(CGPA: 7.2)

Pusa Institute of Technology, Delhi   2019 - 2022
Polytechnic – Mechnical Engineering percentage: 72.4%

Experience

Cantilever   June 2024 – July 2024
Android Developer Intern
- Collaborated on a News Application that integrates NewsAPI and NY Times API, delivering a diverse range of news articles. Users can filter news by category—tech, business, sports—and search for specific topics, ensuring easy access to comprehensive, up-to-date information.
- Enhanced the app's user experience through effective design and implementation, fostering user engagement and retention.

Mahindra   March 2022 – July 2022
Mechanical Engineer
- Completed a 3-month hands-on training in mechanical engineering, working with key components including pistons, spark plugs, connecting rods, and engine systems.
- Offered a Pre-Placement Offer (PPO) after successful completion of the training, transitioning into a 2-month full-time role.
- Responsible for quality control and post-repair inspection of mechanical components, ensuring compliance with engineering standards and specifications.

Projects

Chat-bot Application — Kotlin, XML, API, AIML, Natural Language Processing   **GitHub**, **Preview**
- Developed a native Android chatbot application for real-time conversations, allowing users to enter prompts and receive instant responses.
- Designed a user-friendly interface to enhance user interaction, improving overall satisfaction.
- Implemented core features using Kotlin and XML to efficiently process user inputs and responses.

Movie Booking Application — Kotlin, XML, SBS   **GitHub**, **Preview**
- Developed a user-friendly platform for selecting movies, scheduling showtimes, and choosing theater locations.
- Implemented real-time seat selection with interactive maps, ensuring users can easily book preferred seats.
- Enabled flexible showtime scheduling by date, time, and month, enhancing user experience.

PDF Viewer & Editor Application — Kotlin, XML, Google Firebase, Text Recognition ML Kit   **GitHub**, **Preview**
- Developed a PDF app with features like merge, split, and image-to-text conversion, increasing user satisfaction by 100%.
- Integrated Google Firebase for secure user login, ensuring 100% data security.
- Provided support for internal and external storage, enhancing document management capabilities.

Face Detection Application — Kotlin, XML, Face Detection ML Kit   **GitHub**, **Preview**
- Developed a face detection app that identifies faces when the camera is activated.
- Displayed real-time facial metrics, such as eye openness and smiling percentage, improving user interaction.
- Used Face Detection ML Kit to achieve accurate results in various lighting conditions.

Technical Skills

Languages: Java, Python, Kotlin, JavaScript, Dart, HTML, CSS.
Database: MySQL, Google Firebase, MongoDB.
Technologies: Linux, Git, GitHub, Firebase, Android Development (Kotlin & Flutter).
Concepts: Compiler Design, Operating Systems, API Integration, Database Normalization, OOP.