

Ashutosh Pandey

Kushinagar, Uttar Pradesh 274402

+91 9889164485 ✉ pandeyashutosh227@gmail.com www.linkedin.com/in/ashup/ github.com/ashup/

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

My Portfolio Website | Web development | HTML, CSS, JavaScript

June 2024 - July 2024

- Developed a fully responsive personal portfolio website using HTML, CSS and JavaScript, ensuring compatibility across various devices and screen sizes.
- Implemented modern design principles with clean, user-friendly navigation, including interactive elements and a mobile-friendly hamburger menu.
- Managed and deployed the project on Netlify platform using Git and GitHub, showcasing in version control and collaboration tools.

AI Enabled Water Well Predictor | ML model, Python

Sept 2023 - Dec 2023

- Developed an AI Driven system to assess the feasibility of drilling water wells, predict stable water levels, and determine optimal drilling techniques based on geological formations.
- The solution leverages Machine learning algorithms for precise and actionable insights.
- The K-Neighbors Classifier categorizes geological formations, aiding in terrain identification, while the Random Forest Regressor predicts drilling feasibility and estimates stable water level with an impressive R^2 score of 90%.

'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.

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: 6.84

Jalandhar, Punjab

Government Polytechnic Puranpur

2019 – 2022

Diploma in Mechanical Engineering — CGPA: 7.89

Pilibhit, Uttar Pradesh