

SHASHI SAH

+91-9667539064

[Email](#) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

2K22/CO/425

EDUCATION			
Board/Degree	Year	Name of Institution	Score
B-TECH (Computer Engineering)	2022-2026	Delhi Technological University, Delhi	CGPA - 8.24
C.B.S.E. (Class XII)	2022	Army Public School, Dhaula Kuan, Delhi	Percentage - 93.6%
C.B.S.E. (Class X)	2020	Army Public School, Dhaula Kuan, Delhi	Percentage - 92%
EXPERIENCE			

Full Stack Developer, Gabbit, New Delhi

(Aug 2023 - Jan 2024)

- Architected a robust and secure authentication and user management system using Node.js, incorporating advanced SHA-256 password hashing techniques.
- Engineered OTP generation with Cron jobs for efficient cleanup of expired OTPs and developed seamless file download and retrieval functionalities.
- Leveraged Flutter to design a streamlined registration and login interface, a dynamic homepage featuring ListView for file display, a comprehensive settings page for user detail updates, and sophisticated file upload capabilities.

Research Intern, Samsung Research Lab, DTU

(Sep 2023 - Feb 2024)

- Pioneered a Novel method achieving an impressive 96% accuracy in soil nutrient extraction.
- Developed an ML/DL solution to extract soil nutrients from the AFSIS/LUCAS dataset. This technology aims to revolutionize agriculture by providing farmers with timely and accurate data for optimal fertilization and soil nutrition strategies.

PROJECTS

- KrishiRaksha | Flutter, MongoDB, Flask, Linux Server, DL**
 - Innovatively tackling climate change impacts on crop growth by designing a mobile app that enables farmers to upload crop images for insurance claims (B2G business model).
 - Deployed an advanced model that accurately classifies crops into five distinct categories, facilitating efficient insurance processing.
- GenTextify | HTML, CSS, JS, FASTAPI, DL Model**
 - Engineered a state-of-the-art Chrome extension that specializes in determining whether entered text is AI-generated or not.
 - Provides users with a precise percentage result, enhancing content authenticity verification.
- Spotify2Mp3 | HTML, CSS, JS, FASTAPI**
 - Developed an intuitive interface allowing users to input their Spotify playlists link.
 - Utilizes Spotify and YouTube APIs in the backend to convert and download songs in MP3 format, offering seamless music access without taking Spotify premium.
- ChattobBotto | Python, DL Model, HTML, CSS, JS**
 - Created an engaging Q&A chatbot for medical queries using a fine-tuned LLaMa-2 model on a custom dataset (WhatsApp chats and medical Q&A datasets).
 - Designed the chatbot to generate responses in an informal, friendly tone, enhancing user interaction and satisfaction.
- E-commerce | Python (Django), HTML, CSS, JS**
 - Developed an E-commerce website with Dynamic, SHA256 encryption, Dark mode, Mobile Friendly, Email validator, registration for both customer and retailer.

PUBLICATIONS

- Audio Based Machine Fault Diagnosis using Hybrid Feature Extraction and Ensemble Learning** Published
International Conference On Computing, Communication And Networking Technologies (ICCCNT 2024)
 - Authors: Shashi Sah, Shashvat Singhal, Rachit Jain
- DSeP-xNet: An Ensemble Approach for Hyperspectral-Based Soil Organic Carbon Prediction** Submitted
International Conference on Pattern Recognition (ICPR 2024)
 - Authors: Shashi Sah, Shashvat Singhal, Akshyat Shah

SKILLS

- Coursework:** Data Structures and Algorithm, Object Oriented Programming, DBMS, OS
- Extra Courses:** Machine Learning, Deep Learning, Computer Vision, Audio Analysis, Natural Language Processing, LLM.
- Programming:** Python, C++, JavaScript, Dart, C
- Frameworks:** Django, Express.js, Node.js, FASTAPI, Flask, Flutter, Webdev (HTML, CSS), TensorFlow, Keras
- Databases:** MySQL, MongoDB
- Others:** Git, GitHub, Docker, Android Studio
- Operating System:** Unix/Linux, Windows

ACHIEVEMENTS/AWARDS

- Volunteered:** “Desh K Mentor” Mentored 9 to 12 class students.
- Scholarship:** Based on Merit “Class of 1959 Scholarship”
- Hackathon:** 1st runner up “E-commerce hackathon”
- Leader, Kargil Diwas:** Honored by Shree Prime Minister (Narendra Modi) for our team’s Performance