Poorvi Gupta

Greater Noida, 201310 | guptapoorvi089@gmail.com | +91-9286171356-

https://github.com/Poorvigupta0706

CAREER OBJECTIVE

"Motivated software/web developer seeking to contribute technical expertise, creativity, and collaborative skills to a progressive organization. Committed to continuous learning and delivering solutions that drive meaningful impact for both the team and the organization. Passionate about building user-friendly and efficient applications that solve real-world problems. Eager to take on challenging projects that foster growth and innovation while supporting team success."

Education

Bachelor of Engineering – Computer Science Engineering Bennett University,
Greater Noida GPA: 8.10
- 12th Grade: Our lady of fatima sr sec school, Aligarh 73.65%, 2023
- 10th Grade: Our lady of fatima sr sec school, Aligarh 89.00%, 2021

TECHNICAL SKILLS

Languages: Python, C++, Java, Git

Software: Windows, Visual Studio Code, MS Word, PowerPoint, MS Excel

Database: MySQL, SQL

Web Technologies: CSS, JavaScript (JS), HTML,

Artificial Intelligence: NLP, LLMs(Gemini,Transformers Models), CNNs, RNNs, Machine Learning Algorithms,Image segmentation, Data augmentation

PROJECTS

TITLE : AI-Based Crop Prediction and Disease Detection

.
Built an AI-powered system that helps farmers and agricultural experts predict crop yields and detect plant diseases early. The model uses **historical weather, soil, and crop data** to provide insights on optimal crop growth, and analyzes **leaf images** to spot early signs of diseases using **computer vision and deep learning**. By offering **real-time, easy-to-understand insights** through a friendly interface, the system aims to **improve productivity, reduce crop losses, and support sustainable farming**.
Tech Stack: Python, Machine Learning, Deep Learning, Computer Vision, TensorFlow/Keras, OpenCV, Data Visualization

TITLE : HomeAse — Web Application for Home Services Booking

Developed a full-stack web application that connects users seeking home-services (cleaning, handyman, etc.) with verified workers. Built with HTML, CSS, JavaScript for the front end and Node.js/Express for the backend. Implemented user authentication, service-booking workflows (book, pay, review), and integrated interactive features such as map-based worker selection, real-time reviews, and secure payments. Designed the system for usability and reliability, enabling service-seekers and providers to transact smoothly with transparency and trust.
Tech Stack: JavaScript, HTML, CSS, Node.js, Express.js, MongoDB, Authentication, Git

TITLE : StudyPartner

Developed a full-stack educational platform aimed at enhancing online learning experiences for students and educators. The platform enables **course creation, assignment submission, interactive learning, and real-time communication** between instructors and learners. Implemented **user authentication, role-based access, and scalable data management** to ensure secure and efficient operation.

Integrated **AI-driven features** to personalize the learning experience, including:

Content Recommendation: Suggests relevant courses and study materials based on student activity and preferences using machine learning models.

Automated Assessment: Utilizes NLP and classification models to evaluate textual assignments and quizzes, providing instant feedback.

Predictive Analytics: Identifies students at risk of falling behind and recommends timely interventions to improve learning outcomes.

Built with **TypeScript, Python, HTML, CSS, and modern web frameworks**, the platform leverages **REST APIs** for seamless frontend-backend communication. Designed for **scalability, accessibility, and engagement**, Edumate delivers a comprehensive, intelligent learning environment that empowers students and educators alike.

Tech Stack: Python, TypeScript, JavaScript, HTML, CSS, NLP, LLMs (Gemini/Transformers), Whisper AI, ACR, OCR, Text Summarization, ML/DL (CNNs/RNNs), Flask 2.0, TensorFlow, PyTorch, OpenCV, NLTK, spaCy, MongoDB, MySQL, PostgreSQL, Git, GitHub, Jupyter Notebook, VS Code, Data Preprocessing, Model Deployment, Prompt Engineering, Real-time Transcription & OCR Pipelines

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Online Courses & Certifications:

Received an Online Certificate "Public Speaking and Presentations Skills" by infosys

Received an Online certification " Deep Learning for Developers " by infosys

Hackathons:

Participated in Smart India Hackathon, 2024 and also secured 69th rank amongst 200 above teams.