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GUNJAN KUMAR

Portfolio Link LinkedIn GitHub

CAREER OBJECTIVE

To secure a challenging role in a reputed IT/service-based company where I can apply my programming, machine learning, and web development skills to deliver practical solutions, contribute to projects, and grow as a professional.

EDUCATION

Galgotias College of Engineering &Technology, Greater Noida — Expected July 2026
Bachelor of Technology (B.Tech) in Computer Science and Design
Relevant Technical Coursework: Data Structures, Algorithms, OOPs, Computer Networks

TECHNICAL SKILLS

- Programming: JAVA, PYTHON
- Web Technologies: React.js, Vite, HTML, CSS, TailwindCSS
- Machine Learning: Scikit-learn, Pandas, NumPy, Logistic Regression
- AI TOOLS: OPEN AI
- Databases: MySQL, MongoDB (basic)
- Tools & Platforms: Git, GitHub, VS Code, Google Colab

PROJECTS

Customer Churn Prediction Model | Python, Scikit-learn, Pandas

Click Here to View

- Developed a machine learning model to predict customer churn using telecom user data.
- Preprocessed dataset (handled missing values, encoded categorical variables, normalized numeric fields).
- Trained Logistic Regression classifier and achieved ~85–90% accuracy on test data.
- Evaluated model performance using accuracy score and confusion matrix.

React Quiz Application | React.js, Vite

Click Here to View

- Built a responsive quiz web app with multiple-choice questions and timer-based scoring system.
- Implemented difficulty-level filtering, progress tracking, and instant result feedback.
- Managed state and lifecycle with React hooks (useState, useEffect) for smooth interactions.
- Optimized builds with Vite bundler and enhanced UI using lucide-react icons + TailwindCSS.

Smart Irrigation System | IOT, ML (ONGOING)

- Designing a smart irrigation system using soil nutrient sensors (NPK) to optimize water and fertilizer usage.
- Collecting real-time soil and environmental data to predict crop requirements using ML models.
- Integrating IoT devices for automated irrigation control and monitoring.
- Aiming to enhance crop yield efficiency and reduce resource wastage.

Hackathons

- SMART INDIA HACAKTHON (Internal Level Qualified Finalist) /Ongoing
- HACKEMON (SHEBUILDSCOMMUNITY/ APRIL 25-27 (2025))
- HP POWER LAB HindustanPetroleumLtd./ November 2024

Certifications

- DatabaseProgrammingwithSQLORACLE|Issued:DECEMBER 2024
- ML using Python