

EDUCATION

Chandigarh University
Bachelors of Computer Science and Engineering
Govt. Senior Secondary school
PCM, 12th Standard
2021

Mohali, Punjab, India
Sep 2021 – July 2025
Abohar, Punjab, India
May

TECHNICAL SKILLS

Analytics Skills: Predictive modeling, Statistical modeling, Optimizations, Decision Tree, K-Means, Time Series Models, Testing, Clustering, Forecasting, NLP, Logistic Regression, Random Forest, Decision Trees, KNN, Tesnsorflow2X platform, Computer Vision.

Programming expertise: Python, SQL, C++, Data Structure & Algorithms, Java Script.

Github and Version Control: local & Remote Repository, Cloning, Branching & Merging, Gitignore, Forking & Pull requests.

Database: SQL, PostgreSQL.

Web Development: HTML, CSS, JS, React, Node, Express, API, EJS, Authentication & Security.

IOT: Protocols and Communication, Hardware and Sensors, IoT Platforms and Frameworks, IoT Project Experience.

PROJECTS

- **E-Commerce Website** | Driven and innovative e-commerce entrepreneur with a passion for revolutionizing online shopping experiences. E-commerce venture that stands out through its unique selling proposition and commitment to customer satisfaction. Achieved significant milestones, including a substantial increase in sales and positive industry recognition.
- **Smart Dustbin Using IOT** | Revolutionized waste management with a state-of-the-art Smart Dustbin powered by IoT. Seamlessly integrating sensors and connectivity, this innovation enables real-time monitoring and eco-friendly waste disposal. Its intuitive design enhances user experience, reflecting our commitment to sustainable urban living.
- **Build a Weather App With Cities** | Crafted an exquisite Weather App with Cities, delivering unparalleled accuracy and elegance. Seamlessly blending cutting-edge technology and user-friendly design, this app provides real-time weather updates for global cities.
- **Build a Full Stack Authentication App** | This groundbreaking application ensures top-tier data protection while offering a frictionless journey for users. Immerse yourself in the epitome of digital authentication, where cutting-edge technology meets unparalleled user convenience, setting new standards in online security and accessibility.

RESEARCH PAPER

Smart Garbage Segregation and Monitoring using IOT: This innovative study explores a cutting-edge system that integrates advanced sensors for real-time waste monitoring and efficient segregation. By merging technology with environmental sustainability, our research sets a new standard in waste management practices, paving the way for a cleaner, greener future.

CERTIFICATIONS

Coursera

- **Data Visualization With R** | <https://www.coursera.org/account/accomplishments/verify/U5L2598A5BW3>
- **Build Dynamic User Interfaces for Website** | <https://www.coursera.org/account/accomplishments/verify/ZTYWFVA9P8JD>
- **Introduction to Web Development with HTML, CSS, JavaScript** | <https://www.coursera.org/account/accomplishments/verify/UZEWS5KZ4P3X>
- **Peer-to-Peer Protocols and Local Area Network** | <https://www.coursera.org/account/accomplishments/verify/9WS378ARMNJN>

Nptel

- **Discrete Mathematics**
- **Probability and Statistics**
- **Internet of Things**