

Naman Chugh

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Career Objective

Motivated and detail-oriented final-year B.Tech student in Information Technology at PSIT Kanpur, with a strong foundation in programming, machine learning, and full-stack development. Eager to join a dynamic team where I can apply my skills in Java, Python, and problem-solving to real-world challenges. Looking for an entry-level role in software development or Machine Learning that offers continuous learning and growth opportunities.

Education

Pranveer Singh Institute Of Technology (PSIT), Kanpur

B.Tech in Information Technology

2022 – 2026

Mother Teresa Mission Higher Secondary School, Kanpur

Class 12th (ICSE)

2021 – 2022

Mother Teresa Mission Higher Secondary School, Kanpur

Class 10th (ICSE)

2019 – 2020

Technical Skills

Languages: Java, Python (ML), PHP, JavaScript
Web: React.js, Node.js, HTML, CSS, Apache
ML/AI: Federated Learning, LLMs (basic), TensorFlow

Tools: Git, GitHub, REST APIs, Netlify, MySQL
Platforms: LeetCode, HackerRank, GFG

Certifications & Achievements

AWS Cloud Practitioner
Salesforce Trailhead: 53 Badges
Infosys – Bootstrap & Gen AI
HackerRank Python Basic
Agentblazer Innovator 2025

ACM ICPC Participant
TechExpo Winner 2024
Head – Ignitia Tech Fest (2 Years)
500+ DSA Problems Solved
Zonal-Level Badminton Player

Projects

Pneumonia Detection with Federated Learning – Developed a CNN-based ML model to detect pneumonia from chest X-rays using Federated Averaging across 5 clients. Achieved 91% accuracy while preserving data privacy.
Tech Stack: Python, TensorFlow, PyTorch

LAVA Voice Assistant – Built a desktop assistant to send emails, read news, and search Wikipedia via voice using speech recognition and text-to-speech libraries.
Tech Stack: Python, pyttsx3, smtplib, speech_recognition

Generative AI-based Hindi Language Converter – Developed a web application leveraging a fine-tuned LLM to convert Hinglish text into formal Devanagari script, achieving high contextual accuracy.
Tech Stack: Python, Hugging Face Transformers, Flask, React.js

Stenography Error Hunter – Created a grammar-checking tool using NLP to correct shorthand transcripts for training stenographers.
Tech Stack: Python, NLTK, language_tool_python

Portfolio Website – Deployed a personal portfolio with animations and project highlights. (Live Link: namanchugh-portfolio.netlify.app)
Tech Stack: React.js, Netlify