

Chirag Taneja

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Education

JIMS Engineering Management Technical Campus

Bachelor of Technology in Computer Science

Expected August 2026

Greater Noida, Uttar Pradesh

Sanatan Dharam Public School

Central Board of Secondary Education

2022

New Delhi, Delhi

Experience

Google Code-In 2018

Oct - Dec 2018

Open Source Contributor - OpenWISP

- Contributed to multiple OpenWISP projects including openwisp-radius, django-x509, and django-freeradius.
- Improved test coverage and wrote comprehensive test cases to ensure code reliability and quality.
- Enhanced the robustness of token authentication mechanisms in the Django-freeradius project.
- Fixed bugs and implemented new features across the OpenWISP ecosystem.

Google Code-In 2019

Nov - Dec 2019

Open Source Contributor - TensorFlow

- Added validation steps to the Food101 dataset in TensorFlow Datasets, ensuring data consistency and accuracy.
- Integrated Imagenette dataset into TensorFlow Datasets, expanding available image classification resources.
- Developed a machine learning project for diabetes prediction using classification algorithms.

Projects

Healup | Python, Tkinter, Machine Learning

- Built a machine-learning based disease prediction system using an ensemble of Random Forest and SVM models.
- Achieved over 95% accuracy across 50+ diseases by combining model outputs for improved reliability and performance.

ResumeAI – AI-Powered Resume Analyzer | Spring Boot, React, LLaMA, JWT

- Built an AI-driven resume analysis system that checks ATS compatibility and generates actionable improvement suggestions.
- Enabled resume customization based on specific job descriptions using LLaMA to increase role relevance.
- Implemented resume scoring, keyword gap analysis, and section-wise feedback to highlight strengths and missing skills.

CodeQuest | Typescript, Next.js, Firebase

- Developed an interactive coding platform where users can solve various types of coding problems.
- Integrated AI features using the Gemini API.
- Built a live battle mode enabling real-time coding duels against AI and friends using WebSockets.

Technical Skills

Languages: Java, Python, Javascript

Technologies: React.js, Django, Flask, Spring Boot, Hibernate, Machine Learning, TensorFlow, NLP, Deep Learning, Bootstrap, WordPress, Next.js

Tools: Git, Maven, Docker, Postman, MySQL

Achievements

- Selected as one of the 108 finalists from over 26 countries for Google Code-In 2018.

Extracurricular Activities

- Actively participating in college hackathons and capture-the-flag (CTF) events.
- Solved and exploited multiple vulnerable machines on TryHackMe and VulnHub.
- Frequent open source contributor.