

# 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

### 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.

### 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.

### 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.

## 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.