Chirag Taneja

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Education

JIMS Engineering Management Technical Campus — Expected August 2026
Bachelor of Technology in Computer Science — *Greater Noida, Uttar Pradesh*

Sanatan Dharam Public School — 2022
Central Board of Secondary Education — *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

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.

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.