T KRISHNA REDDY

AI Engineering Student | Sportsperson | NSS Volunteer

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SUMMARY

AI-focused B.Tech student with hands-on experience in hackathons, rapid prototyping, AI/ML models, cloud platforms, and data-driven product development. Proven ability to convert problem statements into working technical solutions under time constraints. State-level 2nd Position winner – Viksit Bharat Young Leaders Dialogue 2026, demonstrating innovation, systems thinking, and solution design aligned with national-scale challenges.

EDUCATION

B.Tech – Computer Science & Engineering (Artificial Intelligence)

3rd Year (2023–2027)
Rungta College of Engineering & Technology , Bhilai

Class 12 – CBSE (Science Stream)
MGM Senior Secondary School, Sector 6, Bhilai
Year of Completion: 2023

TECHNICAL SKILLS

- **Programming & Data:** Python, SQL, Data Analytics & Visualization
- **AI / ML:** Rule-Based Systems, Recommendations, NLP Basics, Model Evaluation
- **Cloud & Tools:** Azure, Google Cloud, Git & GitHub
- **Product & Design:** Rapid Prototyping, UI/UX, Technical Docs & Pitch Decks

ACHIEVEMENTS

- 2nd Position – Viksit Bharat Young Leaders Dialogue 2026 (State-Level Championship) – Ministry of Youth Affairs & Sports
- Participant – Central India Hackathon 3.0
- Winner – NSS Day Debate Competition
- Winner – Football (VYOM 2024)
- 1st Prize – Basketball, Most Theodosius Memorial Fest (2022)

CERTIFICATIONS

- Microsoft Learn – Student Ambassador Program
- Microsoft Azure Fundamentals – Learning Path Completed
- UN Certificate in Climate Change, Peace & Security – UNITAR (June 2025)
- Volunteer Researcher – Reusable Launch Vehicle Project (Orbital India Aerospace)
- UI/UX Designers Internship Certificate (3 Months) – CNITE & IFAC Approved

INTERESTS

- Artificial Intelligence for Governance & Social Good
- Public Policy & Youth Leadership
- Technology for Sustainability
- Film-making & Editing

TECHNOLOGY PROJECTS

- **AI-Based Career Guidance System –** Designed a logic-driven recommendation engine mapping user interests, skills, and academic data to career paths. - Implemented data preprocessing, rule-based inference, and structured output for scalability.
- **TB-Cough –** AI-based TB screening app using cough audio and symptom inputs. Designed an ML pipeline with MFCC feature extraction, classification, and risk scoring for low-cost, early public health screening.Social Media Analytics Dashboard – Designed a dashboard to track engagement trends and improve public awareness communication.
- **Waste Management Awareness App (Prototype) –** Proposed a mobile UI/UX interface that guides users on waste segregation and cleanliness practices.