

# Aviraditya Singh Rajput

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## EDUCATION

<b>VIT Bhopal University</b> , Bhopal, MP	Expected Jun 2026
B.Tech Computer Science & Engineering (AI & ML Specialization) — CGPA: 8.01/10	
<b>12th Standard</b> - Swaminarayan Gurukul, Bangalore	Jul 2022 — 81%
<b>10th Standard</b> - First Step School, Chhindwara — CBSE	Jul 2020 — 89%

## EXPERIENCE

<b>AI and ML Intern</b> — Vigsia (Vikasgarh Foundation), Raipur	Jun 2025 - Present
• Developing AI and Machine Learning solutions and implementations	
<b>Director of Event Management</b> — Health-o-Tech Club, VIT Bhopal	Aug 2024 - Present
• Lead event planning for health technology initiatives, organize workshops with 200+ attendees	
• Previously Event Planning Manager (Jul 2023 - Oct 2024)	

## PROJECTS

<b>ZenZone Bot</b>	Mar 2024 - Apr 2024
• Mental health chatbot for adolescents with 85% symptom identification accuracy using NLP	
• Integrated government APIs reducing response time by 30%	
• Tech: Python, ML, NLP, Flask, Government APIs	
<b>ECONAUTS Smart Waste Management</b>	Jan 2024 - Mar 2024
• IoT waste management system achieving 92% accuracy with ESP32 sensors	
• Optimized collection routing reducing time by 25%	
• Tech: Python, JavaScript, ESP32, IoT, WebSockets	
<b>Banking Data Analysis</b>	Feb 2024 - Mar 2024
• Analyzed 45K+ records improving campaign targeting by 30%	
• Tech: Python, Pandas, Seaborn, Matplotlib, NumPy	

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C++, Java, SQL  
**Web:** React.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS  
**ML/AI:** Scikit-learn, NLP, Deep Learning, OpenCV, TensorFlow  
**Data:** Pandas, NumPy, Matplotlib, Advanced SQL  
**Tools:** Git, Github, MongoDB, REST APIs

## CERTIFICATIONS

- Foundations of Cybersecurity • Foundations: Data, Data, Everywhere
- Foundations of Project Management • Applied Machine Learning in Python • Advanced SQL

## EXTRACURRICULAR ACTIVITIES

<b>Indigo Squad Member</b> — Mood Indigo IIT Bombay	Jul 2022 - Jun 2025
• Cultural festival organizing team for India's largest college festival	
<b>Content Creator &amp; Podcast Host</b>	
• Create Shayari and poems for digital platforms, host tech innovation podcasts	

## LANGUAGES

Hindi (Native), English (Fluent)