Aviraditya Singh Rajput

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EDUCATION

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

EXPERIENCE

AI and ML Intern — Vigsia (Vikasgarh Foundation), Raipur — Jun 2025 - Present
- Developing AI and Machine Learning solutions and implementations

Director of Event Management — 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

ZenZone Bot — 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

ECONAUTS Smart Waste Management — 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

Banking Data Analysis — 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

Indigo Squad Member — Mood Indigo IIT Bombay — Jul 2022 - Jun 2025
- Cultural festival organizing team for India's largest college festival

Content Creator & Podcast Host
- Create Shayari and poems for digital platforms, host tech innovation podcasts

Industry Training Program — Apr 2024 - Jun 2024
- Participated in experiential learning program in Chennai and Bangalore
- Visited renowned companies: TVS, BSNL, and Preprod Company
- Gained hands-on experience in IoT, electric vehicles, and artificial intelligence

LANGUAGES

Hindi (Native), English (Fluent)