TANMAY BHADORIA

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Summary

B.Tech student majoring in Internet of Things (IoT) at MITS, Gwalior, with strong problem-solving skills and hands-on experience in full-stack development, cloud computing, networking, and cybersecurity. Passionate about designing scalable systems and solving complex engineering challenges in Software and AI.

Education

Madhav Institute of Technology & Science   Gwalior, M.P.
Bachelor of Technology in Internet of Things (IoT)   *Nov. 2022 – Present*
 – CGPA: 7.5 (till 6th semester)

Experience

AI Software Engineering Intern   Feb. 2025 – Apr. 2025
Curio Infotech Pvt. Ltd.   **Remote**
- Designed and deployed an AI-powered chatbot that automated real-time website support, reducing response time by 40% and increasing user resolution rate.
- Built feature engineering pipelines in Python, TensorFlow, and scikit-learn, improving model accuracy by 25% Implemented end-to-end ML workflows including data preprocessing, model training, validation, and performance optimization, reducing model iteration cycle time by 45%.

Full Stack Web Developer Intern   Aug. 2025 – Feb. 2026
Jetking Gwalior   **Gwalior, M.P.**
- Developed responsive front-end components and RESTful APIs, improving page load performance by 20%.
- Used Git-based workflows for version control, enabling smoother iterative releases and team collaboration.
- Contributed to multiple web development modules, focusing on scalable and maintainable feature delivery.

Projects

AI-Powered Health Risk Prediction Platform   *Machine Learning, Flask, React, TensorFlow | 2024*
- Designed a full-stack web app to predict health risk scores based on user-entered biometric and lifestyle data.
- Trained classification models using real-world datasets and optimized performance with hyperparameter tuning.
- Implemented secure REST APIs and data visualization dashboards for real-time risk monitoring.

Credit Card Fraud Detection   *Python, scikit-learn, Machine Learning | 2024*
- Engineered features and trained supervised ML models to classify fraudulent vs. legitimate transactions.
- Evaluated performance using class-imbalance-aware metrics including precision, recall, and F1-score.
- Achieved high accuracy through data preprocessing and cross-validation strategies.

Technical Skills

Languages: C, C++, Python, Java, JavaScript, Go, SQL
Machine Learning & Data Science: TensorFlow, scikit-learn, Pandas, NumPy, Jupyter
Developer Tools: Git, VS Code, AWS, Linux (Red Hat), Docker
Web Development: HTML, CSS, JavaScript, REST APIs, Full Stack Development
Networking: CCNA, Network Configuration, Routers, Switches, Firewalls
Professional Skills: Analytical Thinking, Leadership, Communication, Problem Solving

Certifications & Achievements

Microsoft Certified Modern Desktop Administrator (MCCA)
Cisco Certified Network Associate (CCNA)
Red Hat Certified Linux System Administrator
Cloud Computing Essentials

Leadership & Extracurricular

Sports Representative: Represented the institute in inter-college Basketball and Volleyball tournaments.

Technical Clubs: Active member of the Learn by Fun Club, organizing technical workshops and collaborative events, improving student participation and peer learning culture.