ARCHITA BAJPAI

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SUMMARY

Aspiring Computer Science Engineer with specialization in Artificial Intelligence and Machine Learning, seeking opportunities to apply technical skills in software development and AI/ML solutions. Passionate about leveraging technology to solve real-world problems and eager to contribute to innovative projects in a dynamic environment.

EDUCATION

Bachelor of Technology in Computer Science & Engineering
Specialization: Artificial Intelligence & Machine Learning
VIT Bhopal University | Expected Graduation: 2027
Current CGPA: 8.93/10

Higher Secondary Education (Class XII)
Air Force School, Agra | 2022
Percentage: 77.6%
Board: CBSE

Secondary Education (Class X)
Air Force School, Agra | 2020
Percentage: 92.8%

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL
Web Technologies: HTML5, CSS3, JavaScript
Machine Learning: Supervised Learning, Data Preprocessing, Model Training & Evaluation
Tools & Technologies: Git, GitHub, Jupyter Notebook, VS Code, Excel, Tableau
Databases: MySQL, Basic Database Management
Operating Systems: Windows, Linux (Basic)

PROJECTS

StraySafe | [GitHub Link]
Technologies: Python, Machine Learning
- Developed an application focused on stray animal welfare and safety
- Implemented data processing and analysis features
- [Add specific technical details about algorithms/approaches used]

Disease Prediction System | [GitHub Link]
Technologies: Python, Machine Learning, Data Analysis
- Built a predictive model for disease diagnosis using machine learning algorithms
- Processed and analyzed healthcare datasets for pattern recognition
- Achieved [accuracy percentage if available] accuracy in predictions

BioMesh - Smart Wallet System | [GitHub Link]
Technologies: Python, Machine Learning, Biometric Authentication, AI/ML
- Developed a smart wallet application with multi-factor biometric authentication using face, voice, and fingerprint recognition
- Implemented AI-based behavior monitoring system for enhanced security and fraud detection
- Integrated social recovery system allowing users to add trusted contacts for secure wallet recovery
- Combined multiple authentication technologies to create a comprehensive user access control system

CERTIFICATIONS & COURSES

OCI Data Science Professional | Oracle | 2025

OCI Generative AI Professional | Oracle | 2025

Oracle Cloud Infrastructure 2025 AI Foundations Associate | Oracle | 2025

Machine Learning Fundamentals | Coursera | 2024
Cloud Computing | NPTEL (IIT Kharagpur) | 2025

Fundamentals of AI&ML | VITyarthi | 2025

MATLAB Onramp| MathWorks | 2023

Python Essentials | VITyarthi | 2023

EXTRACURRICULAR ACTIVITIES

- Technical Clubs/Societies: Active member of E-Cell and Northeast Club in college
- Coding Competitions: Participated in several hackathons, recently made it to the final round of an inter-college coding hackathon.

SOFT SKILLS

- Problem-solving and analytical thinking
- Team collaboration and communication
- Self-motivated and quick learner
- Attention to detail and quality-oriented
- Time management and project coordination

LANGUAGES

- English: Fluent (Professional proficiency)
- Hindi: Native
- Japanese: Learning

OTHER ACADEMIC ACHIEVEMENTS

- Consistent Academic Excellence: Maintaining strong academic performance while pursuing rigorous Computer Science curriculum with specialized focus on Artificial Intelligence and Machine Learning
- Technical Project Leadership: Successfully completed multiple complex projects demonstrating proficiency in emerging technologies and practical application of theoretical concepts
- Self-Directed Learning: Proactively pursued additional certifications and courses beyond curriculum requirements to enhance technical expertise in AI/ML domain
- Research and Development: Engaged in independent research projects, contributing to innovative solutions in biometric authentication and healthcare prediction systems
- Cross-Disciplinary Integration: Successfully integrated knowledge from multiple domains including computer science, mathematics, and domain-specific applications in healthcare and security
- Academic Consistency: Demonstrated strong foundational knowledge across core computer science subjects while specializing in cutting-edge AI/ML technologies
- Technology Adoption: Early adopter and implementer of modern development practices, version control systems, and collaborative coding methodologies