

Ishika M Binage

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PROFESSIONAL SUMMARY

Computer Science Engineering graduate with hands-on skills in Java, Python, SQL, and ML/Computer Vision. Strong foundation in full-stack development, database management, and Agile methodologies. Experienced in building scalable applications, optimizing databases, and deploying cloud-based solutions. Proven problem-solving abilities with commitment to quality development.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, SQL, HTML/CSS, PHP
Frameworks & Libraries: OpenCV, Pandas, NumPy, Scikit-learn, RESTful APIs, Flask
Databases: MySQL, DBMS, database design, query optimization, indexing
Developer Tools: Git, GitHub, IBM Cloud, Docker, Linux basics
Core Concepts: Data Structures & Algorithms, OOP, SDLC, Agile/Scrum methodologies
Specializations: Machine Learning, Computer Vision, Full-Stack Development, Backend Development
Soft Skills: Communication, Teamwork, Problem-Solving, Adaptability, Analytical Thinking

EDUCATION

Acharya Institute of Technology, Bangalore	Aug 2023 – May 2025
B.E. in Computer Science and Engineering	CGPA: 7.8/10
Government Polytechnic Karwar, Karnataka	2019 – 2022
Diploma in Computer Science and Engineering	82.99%

PROFESSIONAL EXPERIENCE

Java Development Intern <i>Technohacks & InternPe (Remote)</i>	Jan 2025 – Present
Developed multiple Java applications implementing OOP principles and robust exception handling mechanisms Applied design patterns and best practices to create maintainable, scalable code architecture Strengthened logical problem-solving abilities through hands-on development of real-world applications	
Virtual Intern – AI & Cloud Computing <i>Edunet Foundation (IBM SkillsBuild)</i>	Nov 2023 – Dec 2023
Developed and deployed AI-based applications on IBM Cloud platform in simulated production environments Collaborated with cross-functional virtual teams following Agile methodologies and sprint-based delivery	

TECHNICAL PROJECTS

Autism Spectrum Disorder Detection System <i>Python, Machine Learning, Pandas, NumPy, Scikit-learn</i>	Jan 2025
Engineered ML-based web application analyzing behavioral datasets to detect autism traits with 88% accuracy Performed data preprocessing, feature engineering, and model optimization using Pandas and Scikit-learn	
Air Canvas Using OpenCV <i>Python, OpenCV, Computer Vision</i>	Nov 2024
Created real-time gesture-tracking application enabling users to draw in air using hand movements Implemented computer vision algorithms for color detection and motion recognition achieving 30 FPS	
Music Streaming Management Application <i>HTML, CSS, JavaScript, SQL, PHP</i>	Apr 2024
Developed full-stack CRUD application with MySQL database managing 1000+ music tracks and playlists Implemented RESTful APIs for seamless frontend-backend communication and data management Optimized SQL queries reducing data retrieval time by 40% through indexing and query optimization	

CERTIFICATIONS & ACHIEVEMENTS

Certifications: Managing Big Data with SQL (Coursera) | Agile Development and Scrum (IBM) | Python for Everybody (Coursera) | Enterprise Data Science (IBM) | Data Structures & Backend Development with Java (Board Infinity)
Achievements: Participated in Sristi 2025 Tech Fest