

Tanveer Singh

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SUMMARY

Motivated MCA student with strong foundation in full-stack development and problem-solving. Skilled in building scalable applications using Python, Flask, Java, and PHP with hands-on experience in AI/ML, sentiment analysis, and database-driven systems. Recipient of full-time offers from TCS and Wipro. Passionate about leveraging technology to solve real-world problems through innovative software solutions and continuous learning.

EDUCATION

Master of Computer Applications (MCA)

MIT World Peace University, Pune

Expected: May 2027

Bachelor of Science in Computer Science — GPA: 8.38

KK Wagh Arts, Commerce, Science and Computer Science College, SPPU, Nashik

2022 – 2025

SKILLS

Languages: Java, Python, C, SQL, PHP, JavaScript, HTML/CSS

Databases: MySQL, Database Design & Optimization

Tools: Git, VS Code, XAMPP, Postman API

AI & NLP: Sentiment Analysis, Natural Language Processing, Machine Learning

Other: Data Structures & Algorithms, Web Development, Full-Stack Development, REST APIs, OOP

PROJECTS

Driving School Management System | PHP, MySQL, JavaScript, HTML/CSS

- Engineered a full-stack application managing 500+ student records, instructor scheduling, and automated fee reminders
- Optimized database performance by 40% through refined SQL queries and RESTful API development for CRUD operations
- Implemented Role-Based Access Control (RBAC) for Admin, Instructor, and Student tiers with secure session authentication

Hall Ticket System with QR Authentication | Python, QR Libraries, PDFKit

- Automated the generation of 1,000+ tamper-proof hall tickets featuring embedded QR codes for instant digital verification
- Reduced manual verification time by 80% by implementing a scalable batch-processing architecture for PDF distribution
- Designed a secure validation system using Python to encode student data into encrypted authentication tokens

CERTIFICATIONS

Data Structures & Algorithms (DSA) - ExcelR

Advanced C Programming Course

Python Programming Course

JavaScript Essential Training - LinkedIn

Programming Foundations: Databases - LinkedIn

ACHIEVEMENTS & LEADERSHIP

Job Offers: Received full-time offers from Tata Consultancy Services (TCS) and Wipro prior to graduation, demonstrating industry readiness

Academic Excellence: Graduated with 8.38/10.0 CGPA in B.Sc. Computer Science, consistently ranking in top performers

Hackathons & Competitions: Active participant in coding competitions, hackathons, and algorithmic problem-solving challenges

Technical Leadership: Volunteered as organizer for college technical fest and technology seminars, mentoring juniors in programming

INTERESTS

Full-stack development, AI/ML applications, System optimization, Web frameworks, Database architecture, Problem-solving, Open-source contribution, Emerging technologies