

# Devansh Khatri

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## SUMMARY

Detail-oriented MCA student with hands-on experience in software development, data structures, and OOP, along with practical exposure to web technologies and AI-integrated projects. Strong problem-solving abilities and experience contributing to collaborative, project-based development.

## SKILLS

- **Languages:** HTML, CSS, C++, JavaScript, SQL
- **Library/Framework:** Node.js, Express.js, React.js, Tailwind CSS, CI/CD Pipeline, Debugging
- **Tools:** Version Control, AWS, VS Code, Kali-Linux, MySQL, AI Agents & Tools
- **Concepts:** Data structure & Algorithm, Problem Solving, OOPs, Agile & SDLC
- **Soft Skills:** Leadership, Writing, Public Speaking, Time Management

## LEADERSHIP EXPERIENCE

- |   |                        |
|---|------------------------|
| • <b>Tutor – Self</b>   | Onsite                 |
| • <i>Tutored Classes 2–9 students in computer basics and core subjects.</i>                               | <i>Aug'23– Mar'24</i>  |
| • <b>Campus Ambassador Intern – RendezvousX, IIT Delhi</b>  | Remote                 |
| • <i>Promoted IIT Delhi's annual cultural festival through social media outreach and peer engagement.</i> | <i>Sept'23– Oct'23</i> |
| • <b>Volunteer Assistant – Placement Data Management (with Mr. Vivek Jain)</b>                            | OnSite                 |
| • <i>Assisted in organizing and maintaining records of placed students for departmental use.</i>          | <i>June'23– Aug'23</i> |

## PROJECTS

### ATINUS - Unix Security Suite (Oct'25– Nov'25)

- Developed a program for Unix-based systems with a user-friendly CLI for integrating and managing diverse security tools and services.
- Developed a modular C++ application with a CLI interface for system management
- Implemented modules for managing essential services across categories such as Information Gathering, Exploitation Tools, Sniffing & Spoofing, Web Application Analysis, and Anonymity.

### Garden Revival System – Smart AI & IoT-Based Park Maintenance (Feb'25 – July'25)

- Role: Front-End Developer & Research Contributor.
- Tools: OpenCV, CVzone, YOLO, React.js, Node.js, MongoDB, IoT (HC-SR04, SG90), bcrypt.js, passport.js.
- Designed an AI-driven waste detection and infrastructure monitoring system using OpenCV and YOLO for public park maintenance.
- Evaluated waste response processes, resulting in a 50% faster maintenance response and 70% reduction in overflow incidents.
- Collaborated with a 5-member research team on data analysis, system architecture, and real-world testing in urban parks.

## EDUCATION

- |  |                              |
|--|------------------------------|
| • <b>Vellore Institute of Technology, Bhopal</b>             | M.P., India                  |
| • <i>MCA (Master's in Computer Application) CGPA: 8.3</i>    | <i>July' 2024 - Ongoing</i>  |
| • <b>Dr. Bhimrao Ambedkar University, Agra</b>               | U.P., India                  |
| • <i>BCA (Bachelor in Computer Application) Percent: 74%</i> | <i>Apr' 2020 - Aug' 2023</i> |

## CERTIFICATIONS

- Google IT support, Google, Jan 2026.
- AI skill challenge, Microsoft, Aug 2023.
- Postman API fundamentals student Expert certification., Lets Upgrade, July 2023

## HONORS AND AWARDS

- Leetcode- Global Rank- 443,171, 500+ Submissions, 280+ Questions solved.
- Runner's Up in Xylem India Hackathon.
- Completed NCC B certificate and camp certificate with nice grades (June'20).