

# Dev Inder Garg

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## Education

**Thapar Institute of Engineering and Technology**

Patiala, India

B.E. in Computer Science and Engineering with current **CGPA of 8.01/10**

Sept 2021 – July 2025

**Fortune Convent School**

Punjab, India

High School Education **96.3%**

April 2019 – May 2021

## Experience

**XEBIA | Summer Intern**

June 2024 – July 2024

- Enhanced user experience by implementing the **Loqate API**, allowing for efficient address reducing user input errors and **improved form completion rates by 30%**.
- Implemented **RestCountries API** to facilitate selection of nationality during user registration. Streamlined data collection processes, **reducing registration time by 25%**.
- Designed an intuitive **UI for personal information management**, allowing users to easily edit their details. **Increased user satisfaction and engagement, resulting in a 15% rise** in maintenance efficiency.
- Fostered effective collaboration** and streamlined workflows, **reducing project completion time by 10%** and ensuring timely feature deployment.

**Experimental Learning Centre | Research Intern**

June 2023 – July 2023

- Created custom exploits and payloads tailored to specific vulnerabilities in **DVWA (Damn Vulnerable Web Application)**. Successfully demonstrated potential security risks to clients, **leading to a 40% increase in the adoption of advanced security measures**.
- Leveraged virtual machine technology to **simulate realistic attack scenarios** and identify vulnerabilities. Identified and mitigated over 20 critical security weaknesses, **resulting in a 30% enhancement in the overall security posture**.

## Projects

**Online Learning Platform**

- Enabled instructors to create and manage courses** with multimedia content, providing a versatile teaching platform. **Increased course creation rate by 50%, facilitating diverse learning opportunities** for students.
- Developed quiz modules with automatic grading** and automated certificate generation upon course completion. **Improved assessment accuracy and efficiency by 40%**, leading to higher student satisfaction and course completion rates.

**TechCollab**

- Created an **innovative platform** enabling students to list projects and research papers under mentorships, **enhancing academic collaboration**.
- Developed profile features** allowing students to showcase their work experience, skills, and personal information. **Enhanced user engagement by 40%, promoting professional networking**.
- Integrated a mentorship feature enabling **mentors to guide students** on their projects. **Improved project quality and research output by 30%** through effective interactions and feedback.

## Technical Skills

**Domains:** Full Stack, Data Structures and Algorithms, Database and Management

**Programming Languages:** C/C++, Java, Python, JavaScript, MySQL

**Developer Tools:** Selenium, TestNG, Cypress

**Frameworks:** Git, Express, React JS, MongoDB, Android Studio, AWS

## Certifications

- AWS Academy Graduate - AWS Academy Cloud Foundations
- Udemy – The Complete 2024 Web Development Bootcamp by Dr. Angela Yu