

DEVINDER GARG

Email: devgarg1302@gmail.com

Mobile: +919465247838

LinkedIn: linkedin.com/in/devgarg13/

PROFILE

As a motivated and dedicated third-year student in Computer Science and Engineering. I bring a strong passion for technology and a drive to make a positive impact in the field. With a solid foundation in programming concepts and strategic troubleshooting, I am eager to contribute my skills and knowledge to drive innovation and create meaningful solutions.

EDUCATION

- **Thapar Institute of Engineering & Technology (TIET)** Punjab, India
B.E. in Computer Science and Engineering; CGPA : 7.73 Aug 2021 - Present
- **Fortune Convent School** Punjab, India
High School Education; 96.3% Aug 2019 - May 2021

WORK EXPERIENCE

Project Intern At Thapar University June 2023 - Present

Ethical Hacking - Pen Testing

- Developed custom exploits and payloads tailored to the specific vulnerabilities present in DVWA(Damn Vulnerable Web Application), effectively demonstrating the potential risks to clients.
- Leveraged virtual machine technology to simulate realistic attack scenarios and identify vulnerabilities in system configurations.
- Conducting extensive research on camera firmware and protocols to identify potential attack vectors.
- Designed and deployed keylogger solutions to enhance monitoring capabilities and detect potential security breaches.

PROJECTS

- **Expense App** Nov 2022 - Jan 2023
 - Developed a user-friendly Expenditure Management App with a focus on efficiency, enabling users to easily track, manage, and analyze their expenses.
 - Designed a clean and intuitive user interface, ensuring a seamless and enjoyable user experience.
 - Implemented powerful features, such as expense categorization, budget tracking, and customizable reporting, empowering users to gain insights into their financial activities.
 - **Tech Stack:** Flutter, Dart, MySql
- **Blood Donation Database** Jan 2023 - May 2023
 - Led the development of a purpose-driven Blood Donation Database, significantly improving the management and organization of critical blood donation information.
 - Engineered a highly efficient database system that simplifies the complex process of matching blood donors with recipients, ensuring prompt and life-saving access to essential blood supplies.
 - Designed intuitive user interfaces that empower healthcare professionals to effortlessly enter, retrieve, and analyze donor profiles and blood inventory data.
 - **Tech Stack:** MySql, DBMS
- **Online Exam Proctoring** May 2023 - Present
 - Led the creation of an innovative Online Exam Proctoring Web App, bringing a significant transformation to the monitoring of remote exams by ensuring unwavering integrity and security.
 - Designed a state-of-the-art web application equipped with advanced features to effectively monitor and supervise online examinations, providing a reliable and strong proctoring solution.
 - Incorporated cutting-edge technologies, including AI-based facial recognition and behavior monitoring, to detect and discourage academic misconduct during remote exams.
 - **Tech Stack:** Python, Jupyter, HTML,CSS

SKILLS

- **Languages:** C/C++, Python, Dart, MySQL, HTML, CSS
- **Framework:** Git, Android Studio, Jupyter Notebook
- **Tools:** Flutter, Unreal Engine 5, AutoCAD, Kali Linux
- **Efficient With:** DBMS, Data Structures and Algorithms