

# Manasa Kavvampally



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Telangana



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## PROFILE

Software engineer with a keen interest in web technologies, cybersecurity, SQL, and Informatica PowerCenter. Seeks a role in an organization that expands skillsets and knowledge while achieving organizational and personal goals.

## SKILLS

**Languages:** C, C++, Python, Java

**Technologies/Tools:** Data Structures & Algorithms, Informatica Power Center, Informatica cloud intelligent services, Tableau, shodan, Nmap, System Administration, Linux, SQL, PHP, CSS, DBMS.

## TRAINING

### Cybersecurity at Honeywell (Paloalto, ICTAcademy)

JAN 24-FEB 24

- Gained hands-on experience in Ethical Hacking
- Performed various tools i.e msfconsole, Wireshark, Metasploit, Nmap, and Shodan.
- Implemented wifi breaking techniques
- Socket programming using IP addresses
- Performed XSS(cross-site scripting) and SQL Injection

## INTERNSHIP

### Team lead at Industrial training at IRA OM TECHNOLOGY

FEB 21-AUG 21

- Gained hands-on knowledge of C++, DSA, Python
- Implemented websites using HTML, CSS, Csharp

## PROJECTS

### Library Assistant Domain: IT | Programming Languages: SQL

FEB 23

- This library management system I created supercharged collection management for librarians. It streamlined user account and book entry creation, expedited information updates, and facilitated the removal of outdated materials.
- Users now navigate a seamless system for catalog searching, title browsing, and effortless book borrowing and returning.
- The system automated book renewal and now tracks availability in real-time
- Additionally, it empowered librarians with author profile creation and maintenance, optimized location management, assigned designated areas for books, generated reports on borrowing trends and overdue items, and implemented staff access control through permission levels.

**College Management System Domain: IT | Programming Languages: Python**

AUG 22

- This project tackled the challenge of college student management by implementing a centralized system for comprehensive data collection and access.
- The system actively tracked crucial student information, including academic performance by recording marks for assessments and courses, monitoring class presence for attendance, and even tracking entry and exit timings for optional movement data.
- This data empowered authorized users. Parents could view progress reports to stay involved in their child's education, and faculty gained real-time insights to personalize student support.

**Billing Management System Domain: Business | Programming Languages: Java**

NOV 21

- This project revolutionized financial management for businesses of all sizes, empowering both vendors and enterprises.
- It streamlined GST (Goods and Services Tax) compliance by enabling users to track daily product investments for informed inventory decisions, automate CGST and SGST calculations based on purchases to ensure accurate tax filing and generate comprehensive GST reports (adhering to local regulations) to save time during tax season.
- This user-friendly system equipped businesses to manage their GST compliance and financial health more efficiently.

**CERTIFICATES**

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- Linux | Cybrary | Apl 23
- DBMS | Infosys Springboard | Jun 23
- Computer Hacking and Forensics Cybrary | Apl 23
- Informatica Power Center | Infosys Springboard | Nov 23
- Python | E-box | Aug 22

**EDUCATION**

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- B.Tech. in Computer Science | Aug 21 - June 24  
Lovely Professional University | Phagwara | CGPA 7.3
  - Diploma in Computer Engineering | Jun 18 - Mar 21  
Dr. BR Ambedkar Government model Residential Polytechnic College | Karimnagar | CGPA 8.1
  - Secondary School Of Education | May 2018  
Telangana Social Welfare Residential Educational Institutions Society | Karimnagar | CGPA 9.0
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