

PRACHI

Aspiring Software Engineer

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ABOUT ME

MCA student with hands-on experience in Java, Python, JavaScript, and full-stack web development. Developed multiple projects including a Job Portal, Social Networking Website, Online Shopping System, and Chat Server using Django, JSP/Servlets, PHP, MySQL, and Socket Programming. Strong foundation in Data Structures, Object-Oriented Programming, and backend development, with a passion for building scalable and user-focused software solutions.

EDUCATION

Masters of Computer Applications (MCA)

Panjab University

09/2025 - 05/2027

PROJECTS

Chat Server

Java | Socket Programming | Multithreading

- Developed a real-time chat application using Java Socket Programming to enable communication between multiple clients over a network
- Implemented client-server architecture and multithreading for handling concurrent user connections and messaging
- Strengthened understanding of networking concepts, socket communication, and concurrent programming

Job Portal

Django | REST APIs | SQLite

- Developed a Job Portal web application using Django with features like user authentication, job posting, job search, and application submission
- Built a database-driven backend using SQLite to efficiently manage recruiter, applicant, and job-related data
- Strengthened skills in full-stack web development, backend integration, and database management

Online Shopping System

JSP | Servlets | SQL Server

- Developed an e-commerce web application using JSP and Servlets with user authentication, product browsing, and shopping cart functionality
- Implemented server-side processing and integrated Microsoft SQL Server for efficient data management and transaction handling
- Gained hands-on experience in Java web development, database connectivity, and full-stack application design

Social Networking Website

PHP | MySQL | Authentication System

- Developed a Social Networking web application using PHP and MySQL with features like user authentication, profile management, post sharing, and friend requests
- Implemented group creation, user interaction, and backend database integration for efficient data management
- Enhanced skills in full-stack web development, database connectivity, and user-focused application design

SKILLS

Java	Python	JavaScript	Socket.IO	Multi-threading	Data Structures	OOP	Django	SQLite
HTML	CSS	C/C++	JSP	Servlets	Bootstrap	Microsoft SQL Server	Node.js	Express.js
REST	Flask	Java Spring	SpringBoot	Hibernate	PHP			