Prashant Sharma

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Pune, Maharashtra, India

Motivated and detail-oriented Entry-Level Software Engineer with a strong foundation in programming, data structures, algorithms, and core computer science fundamentals. Skilled in developing full-stack applications, implementing optimized data structures, and applying system-level problem-solving techniques. Demonstrates the ability to learn new technologies quickly, write clean and efficient code, and collaborate effectively in team-based environments.

Projects

1. **Defragmentation with Doubly Circular Linked List** *(C, DSA, OS Concepts): Link*
   - Built a doubly circular linked list to simulate OS-level dynamic memory allocation and block management.
   - Implemented efficient insertion, deletion, and traversal operations through precise pointer manipulation.
   - Designed a custom defragmentation algorithm to compact active memory blocks, reducing fragmentation and improving access locality.
   - Improved data retrieval efficiency while strengthening understanding of low-level memory management and algorithmic optimization.

2. **Complaint Management System for College** *(PHP, HTML, CSS, JavaScript, MySQL): Link*
   - Led the development of a full-stack Complaint Management System allowing students to submit and track academic, faculty, and campus-related complaints.
   - Implemented secure file-handling features enabling uploads of PDFs, images, audio, and video, along with real-time status tracking and student–admin chat for improved transparency.
   - Designed secure backend modules using PHP & MySQL, and built a responsive UI using HTML, CSS, and JavaScript.
   - Integrated role-based access control and optimized database queries to streamline complaint resolution workflows.
   - Deployed the system on Infinity Free hosting, ensuring stable accessibility and smooth performance.

Core Skills

Technical/Hard Skills: C/C++, PHP, HTML, CSS, JS, MySQL, Python, DSA, Version Controls (Git/GitHub), OOPs/Object Oriented Programming, Docker
Soft Skills (Interpersonal/Behavioural Skills): Problem-Solving, Time Management, Teamwork & Collaborative, Communication (Verbal & Written)

Education

Ness Wadia College of Commerce   Jun 2023 - Apr 2026
Bachelor of Business Administration in Computer Application (BBA-CA) Information technology

GPA: 8.67

SNBP Jr. College Morwadi Pune, MH   Jun 2021 - Apr 2023
12th Commerce – 87.33%

Awards

- **Chess Gold medallist**
  Awarded a medal in Chess competition at SSS EM School, showcasing strategic thinking, tactical expertise, and sportsmanship.
- **Subject Topper**
  Received the Subject Topper Award in IT Subject at SNBP Jr. College for outstanding academic performance and scoring high marks.