

Prasanna Sonawane

Software Developer

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Professional Summary

Computer Applications graduate with a strong foundation in software development and hands-on experience across backend systems, frontend applications, and mobile development. Skilled in building database-driven applications, implementing secure authentication, and developing responsive user interfaces. Comfortable working across multiple technology stacks including Java, Web Technologies, and Flutter.

Education

Master of Computer Applications

CGPA: 7.93

JSPM Nare Technical Campus, Pune

Expected Aug 2026

Bachelor of Computer Applications

CGPA: 8.85

Haribhai V. Desai College, Pune

Apr 2024

Technical Skills

Programming Languages: Java, JavaScript, PHP, Dart

Frontend Technologies: HTML5, CSS3, React.js, Tailwind CSS

Backend & Databases: Java (JDBC), Node.js, MySQL, MongoDB

Mobile Development: Flutter (Cross-platform Application Development)

Tools & Platforms: Git, GitHub, Postman, XAMPP

Core Concepts: Object-Oriented Programming (OOP), DBMS, SQL, REST API Basics

Projects

Sarthi Blood Bank Management System

HTML, CSS, JavaScript, PHP, MySQL

- Developed a full-stack web application to manage blood donors, blood inventory, and donation camps.
- Designed and implemented CRUD operations for donor records and blood stock management.
- Implemented user registration, appointment booking, and input validation to ensure data accuracy.
- Applied password hashing and basic authentication mechanisms to enhance application security.

Mini Banking Application

Java, JDBC, MySQL

- Developed a Java-based console application to simulate core banking operations such as account management and fund transfers.
- Implemented JDBC for database connectivity with transaction management using commit and rollback.
- Ensured data consistency and reliability during transactional operations.
- Used PreparedStatements to prevent SQL injection and improve database security.

Personal Portfolio Website

React.js, EmailJS

- Designed and developed a responsive single-page portfolio website to showcase projects and skills.
- Used React component-based architecture and client-side routing for smooth navigation.
- Integrated a contact form using EmailJS and enabled resume download functionality.

Quiz Application

Flutter, Dart, Quiz.io API

- Developed a cross-platform mobile quiz application using Flutter and Dart.
- Integrated an external API to fetch dynamic quiz questions in real time.
- Implemented scoring logic and designed a responsive user interface for multiple screen sizes.

Socket-Based Console Chat Application

Java, TCP Sockets, Multithreading

- Built a client-server console-based chat application using Java TCP sockets.
- Implemented multithreading to support multiple client connections concurrently.
- Used buffered input and output streams to enable efficient real-time message exchange.

Certifications

- Programming in Java – NPTEL SWAYAM
- TCS iON NPT JavaScript Developer – TCS
- Java Skill Up – GeeksforGeeks
- Introduction to ReactJS – Mind Luster
- Introduction to Flutter using Dart – Mind Luster

Achievements

- 1st Place – Intercollegiate State-Level Carrom Championship (2018)
- 3rd Place – Intercollegiate National-Level Carrom Championship (2018)

Languages

English (Fluent), German (Basic), Marathi (Native), Hindi (Fluent)