

Suresh R

Software Engineer

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Education

Bharath Institute of Higher Education and Research	Chennai
Full-time Bachelor Computer Application (BCA)	07/2019 - 05/2022
Percentage: 75%	
B.S.Abdur Rahman Crescent Institute of Science and Technology	Chennai
Full-time Master of Computer Application (MCA)	06/2023 - 05/2025
CGPA: 7.5	

Experience

IBM SKILL BUILD Frontend Developer	Chennai June/2024 - August/2024
This program was conducted in collaboration with All India Council for Technical Education (AICTE) and focused on educational innovation.	

Skills

Framework / Libraries :	React js , Tailwind Css.
Programming Languages:	Java, TypeScript , JavaScript .
Tools / Platforms:	Visual Studio, Android Studio
Databases:	SQL

Projects / Open-Source

AI-Based Voice Assistant for E-Commerce Application	React Js , Typescript , Firebase
This project was developed using React.js, TypeScript, and Firebase. Developed a fully voice controlled e-commerce application to enhance accessibility for users, including those with disabilities. Integrated global voice navigation and command recognition for seamless user interaction. Utilized React Hooks and Context API for efficient state and data management across components. Implemented Error Boundaries to ensure robust UI performance and error handling. Integrated Firebase for authentication, real-time database, and backend services.	

College Management System	JAVA
The College Management System is a console-based application developed in Java. It is designed to handle basic administrative operations such as managing student records, faculty details, course information, and attendance. The system uses object-oriented programming principles and provides a simple text-based interface for performing CRUD (Create, Read, Update, Delete) operations. This project is ideal for understanding core Java concepts like classes, objects, inheritance, le handling, and exception management.	

Banking System and ATM Simulator	JAVA
Developed a console-based banking system in Java that allows users to perform basic transactions such as account balance inquiries, deposits, withdrawals, and fund transfers. The application includes user authentication and basic error handling to ensure secure and reliable operation. It demonstrates the use of core Java concepts including object-oriented programming, control structures, and exception handling, along with a simple text-based interface for user interaction.	

Certifications

Frontend Development ,Web Application
Android Development
JAVA – Q-spiders.

Honors & Awards

Java Business Application