

# SHUBHAM SETHIA

## SOFTWARE DEVELOPER

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### EDUCATION

**B.Tech Information Technology**, Manipal Institute of Technology

July 2023 - Present

**CGPA:** 8.17/10.0

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Database Management Systems, Object Oriented Programming, Computer Networks

### TECHNICAL SKILLS

- Programming Languages: C++, C, Java, Python, HTML, Embedded C, JavaScript, SQL, PHP
- Tools and Libraries: NodeJS, React, Bootstrap, Git, GitHub, JavaFX
- Areas: Full-Stack Web Development, Embedded Systems, Database Management System, App Development
- Networking: Computer Networking (TCP/IP, OSI Model), Packet Tracer

### PROFESSIONAL EXPERIENCE

**Managing Committee Member – IEEE Student Branch, MIT Manipal**

Oct 2023 - Present

- Served as the Point of Contact (PoC) for Retro Web Reboot, a themed web development event conducted during IEEE's annual tech week, Odyssey; managed end-to-end planning, coordination, and on-ground execution.
- Collaborated with fellow committee members to plan and execute technical workshops, coding contests, and speaker sessions.
- Worked closely with the core team to streamline communication, drive engagement, and ensure successful event outcomes.

**Member – MRM Manipal Taskphase, Research and AI Team**

Oct 2023 - Feb 2024

- Gained hands-on experience with Git and GitHub, focusing on version control and collaborative development practices.
- Enhanced problem-solving and team collaboration skills while learning to manage and track code effectively in a development environment.

### PROJECTS

**Hospital Management System.** Developed a web-based Hospital Management System to streamline hospital operations with separate portals for Administrators, Doctors, and Patients. The system facilitates appointment scheduling, patient record management, billing, and blood bank operations, enhancing overall efficiency. Built using PHP, MySQL, HTML, CSS, and JavaScript.

**Blood Bank Management System.** Built a Java-based desktop application using JavaFX, JDBC, and OOP principles to manage blood donations, donor records, and inventory tracking. Implemented robust exception handling for smooth runtime operation and data consistency. Designed to streamline blood bank processes and ensure real-time availability of critical resources.