

# Manas Verma

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## SKILLS

- **Languages:** Java, JavaScript, Python
- **Frameworks:** Swing, JDBC
- **Tools/Platforms:** MySQL, MongoDB, Tableau, Lucid Chart, Microsoft Excel
- **Soft Skills:** Problem-Solving Skills

## PROJECTS

- **Chat Application using Socket:** Feb 2023 – Mar 2023  
Created a simple chat application using the command line for interaction.  
The application had two main parts: the server and the clients, where the server connected with multiple clients.  
Enabled real-time communication between multiple clients using Java socket programming.  
Used socket programming to set up a two-way communication channel between the client and server for real-time message exchange.  
**Tech:** Java
- **Blood Donation Website:** Jan 2022 – Apr 2022  
Developed a website enabling users to find blood donors by looking up contact details, location, and blood types.  
Implemented user account creation with access to entertainment games, RSS Zone, Blood Camp details, Blogs, Chat Bot, and Career Options.  
Enabled user-to-user search functionality with the option to send friend requests and exchange messages with emojis upon acceptance.  
Designed a registration page for users to sign up as blood donors, making their contact details and blood types visible to others.  
Integrated a BMI calculator on the Home page for users to calculate weight relative to height for health assessment.  
**Tech:** HTML, CSS, JavaScript, PHP, MySQL, AJAX
- **Code Wizard- Online Code Editor:** Jun 2023 – Jul 2023  
Built a real-time code editor with advanced features for highlighting code syntax.  
Supported with many programming languages like C++, C, Python, and Java to ensure it was widely usable.  
Developed a flexible input interface to make it easy for users to run their code.  
Provided a real-time display of output.  
**Tech:** HTML, CSS, React.js, Express.js, Monaco Editor
- **Face Detection and Recognition:** Feb 2023 – Mar 2023  
Created a robust system to detect and identify human faces in real-time.  
Built the system using Python, leveraging the Caffe model and OpenCV library for image processing.  
Trained the model with a comprehensive dataset of facial images to improve accuracy.  
Recognized faces correctly in both clear and blurred images, as well as side face images.  
Achieved accurate face recognition with the proposed model.  
**Tech:** Python, OpenCV

## CERTIFICATES

- Programming In Java - Swayam NPTEL Apr 2024
- Introduction to MongoDB for Students - MongoDB Jul 2024
- SQL complete Bootcamp from Basics to Advanced - Udemy Jan 2024
- IBM Web Development Fundamentals - IBM SkillsBuild Jul 2023
- IBM Cloud Essentials - EDX Nov 2023
- Java Programming: Solving Problems with Software - Coursera Jan 2023

## EDUCATION

- **Lovely Professional University** Jalandhar, Punjab  
*Bachelor of Technology [Lateral Entry] - Computer Science and Engineering; CGPA: 7.38* Since Aug 2022
- **Lovely Professional University** Jalandhar, Punjab  
*Diploma - Computer Science and Engineering; CGPA: 8.8* Aug 2020 - May 2022
- **St. Joseph's Mission School** Anuppur, Madhya Pradesh  
*Intermediate* Apr 2019 - Mar 2020