

SOURABH Hombal

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Full Stack Developer with hands-on experience in Java and modern web technologies. Committed to writing clean, efficient code and creating innovative solutions that improve user experience and performance.

SKILLS

Programming Languages: Java, JavaScript

Frontend: HTML5, CSS3, JavaScript (ES6), React

Backend: JDBC, JSP/Servlets

Databases: MySQL

Tools: Git, GitHub, VS Code, Eclipse

Core subjects: OOP, Data Structures, Exception Handling, Multithreading, DBMS

PROJECTS

3D Reconstruction of Organs from CT and MRI Scans

Jan 2024 – Mar 2024

[GitHub Repository](#)

Python, OpenCV, NumPy, Open3D / HTML, CSS, JavaScript

- Converted 2D CT/MRI image slices into accurate 3D organ models using image preprocessing and reconstruction techniques.
- Generated 3D point clouds and mesh models for medical visualization and analysis.
- Built a frontend interface for interactive 3D model visualization.

Banking Management System

Aug 2025 – Sep 2025

[GitHub Repository](#)

Java, JDBC, MySQL

- Developed a console-based Banking Management System supporting account creation, transactions, and fund transfers.
- Integrated JDBC with MySQL for secure database connectivity and transaction management.
- Applied OOP principles, input validation, and exception handling to ensure data integrity and reliability.

INTERNSHIP

Full Stack Developer Intern – TAP Academy

Jun 2025 – Present

- Gained hands-on experience in Core Java, OOP, Collections, Multithreading, and Java 8 features (Lambda, Stream API).
- Developed full-stack applications integrating MySQL databases with backend logic and responsive frontend interfaces.
- Built a capstone Online Food Delivery application, implementing database integration, business logic, and UI design.

ACHIEVEMENTS

- Participated in wave 2.0 hackathon — built an end-to-end full-stack solution within 24 hours, competing among 300+ participants from various universities.
- Completed Introduction to Software Development certification from Google (LinkedIn Learning), strengthening software development fundamentals.
- Earned Core Programming with Python Badge from Accenture, demonstrating proficiency in structured programming and problem-solving.

EDUCATION

KLS Vishwanathrao Deshpande Institute of Technology

Dec 2021 – Jul 2025

B.Tech in Electronics and Communication Engineering, CGPA: 7.22

Haliyal, India