SANJAY R

Motivated and detail-oriented Software Engineer with strong foundation in Java development, front-end and back-end technologies, database management, and problem-solving. Passionate about contributing to impactful software solutions in a dynamic team environment

Projects

Java Console based project (ATM Machine)   Jan 2025

- Developed a console-based ATM system in Java with MySQL database integration using JDBC and XAMPP
- Implemented features like login/signup, balance check, deposit, withdrawal, and secure fund transfers with real-time DB updates.

GitHub Repository → [ATM Machine]

Smart MoniterAI – Exam Proctoring System   Jun 2025

- Developed an AI-powered online exam proctoring system using the MERN stack and TensorFlow.js
- Implemented JWT-based authentication, role management, exam creation, assignment, submission, and result evaluation

GitHub Repository → [Smart Moniter AI]

Hand Gesture Game Controller   Aug2023 – Dec 2023

- Used OpenCV to build a gesture recognition system for touch free gaming.
- Enabled hand motions to control games like Subway Surfers and Hill Climb Racing.

GitHub Repository → [Hill Climb Racing]   [Subway Surfs]

Super Car Website   Mar 2023 – Jul 2023

- Developed a responsive car-selling website using HTML5,CSS3,JavaScript and PHP
- Optimized the user interface for seamless browsing and transactions.

GitHub Repository → [Super Car Website]

Educational Background

B.E – Computer Science and Engineering
Sri Shakthi Institute of Engineering and Technology, Anna University

2022 – 2026 | CGPA: 7.59*

Higher Secondary Certificate (HSC)
Sri Vivekananda Matriculation Hr. Sec. School – State Board

2021 – 2022 | 72.6%

Secondary School Leaving Certificate (SSLC)
Sri Vivekananda Matriculation Hr. Sec. School – State Board

2019 – 2020 | 81.4%

Contact

- 3/270/E30, Kumar Nagar, Vettaikaran Kuttai, Karumathampatti, Coimbatore – 641659
- 9751903637
- sanjay7183637@gmail.com
- LinkedIn | GitHub | Portfolio

Technical Skills

- **Languages**
  Java, JavaScript, HTML5, CSS3
- **Frameworks & Libraries**
  React
- **Database**
  MySQL
- **Tools**
  Git, VS Code, AWS
- **Others**
  OpenCV (Basics)

Languages

- English
- Tamil (Native)

Key Strengths

- Continuous learning mindset
- Adaptability
- Team Collaboration
- Time Management
- Critical Thinking

Achievements

- Published a research paper titled "Health Tracker" in International Journal of Scientific Research in Engineering and Management (IJSREM).
- Solved 260+ problems on Leetcode.
- Played a major role as Event Organizer at college tech fest "KALAM", managing a full event cycle.
- Volunteered as CTRL+C Coordinator – led events for juniors, boosting community engagement.