

# Arpan Rajesh Charola

## Software Developer

Gmail: [arpantech1130@gmail.com](mailto:arpantech1130@gmail.com) | GitHub: <https://github.com/ArpanCharola>  
LinkedIn: <http://www.linkedin.com/in/tech-arpn-charola> | Contact No: +91 8108309883

Final-year IT student with experience in full-stack web development (React, Node.js, AWS) and strong exposure to Java, Python, and SQL. Passionate about software engineering, testing, and financial technology.

## EDUCATION

<b>B.Tech in Information Technology</b> <i>CGPA: 8.09</i>	Marwadi University, Rajkot (2022 – 2026)
<b>Higher Secondary School</b> <i>Percentage in HSC: 60%</i>	Vani Vidyalaya, Mumbai (2020 – 2022)
<b>Secondary School</b> <i>Percentage in SSC: 85.80%</i>	Vani Vidyalaya, Mumbai (2015 – 2020)

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, C++, JavaScript, SQL  
**Web Technologies:** HTML, React.js, Node.js, Express.js, Tailwind CSS  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Cloud & Tools:** AWS, Git, GitHub

## PROJECT WORK

### Photorealistic Floral Synthesis | Deep Learning (DCGAN)

- Built and trained a GAN model using the Oxford 102 Flower dataset to generate realistic floral imagery.
- Improved image quality metrics (FID, Inception Score) through model tuning.
- Tech stack: Python, PyTorch, NumPy, Matplotlib.

### Bharat Sanskriti: Explore Heritage of India | Full-Stack Web Application

- Designed and deployed a web app to explore India's culture and heritage.
- Integrated backend APIs (Node.js, Express) and dynamic UI (React, Tailwind CSS).
- Database: MongoDB, PostgreSQL.

## CERTIFICATIONS

<b>Java Programming</b> <i>Mastering Java Fundamentals, Object-Oriented Programming</i>	Oracle Feb 2024 – April 2024
<b>Database Programming with SQL</b> <i>To learn Database concepts</i>	Oracle July 2024 – Oct 2023

## SEMINARS / HACKATHON

<b>GDSC WOW Event</b> <i>Conference</i>	Karnavati University, Gandhinagar, Gujarat May 2023
<b>Hack The Mountains</b> <i>National-level hackathon</i>	Marwadi University, Rajkot, Gujarat September 2024
- Developed an AI-powered platform for resume enhancement and code review with the team.	

## AREAS OF INTEREST

Software Development | Full Stack Development | Cloud Computing | Financial Technology | QA Testing | Automation

## SOFT SKILLS

Communication | Teamwork | Critical Thinking | Problem-solving | Leadership | Adaptability