

Arpan Rajesh Charola

Software Developer

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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.Tech in Information Technology

Marwadi University, Rajkot (2022 – 2026)

CGPA: 8.09

Higher Secondary School

Vani Vidyalaya, Mumbai (2020 – 2022)

Percentage in HSC: 60%

Secondary School

Vani Vidyalaya, Mumbai (2015 – 2020)

Percentage in SSC: 85.80%

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

Java Programming

Oracle

Mastering Java Fundamentals, Object-Oriented Programming

Feb 2024 – April 2024

Database Programming with SQL

Oracle

To learn Database concepts

July 2024 – Oct 2023

SEMINARS / HACKATHON

GDSC WOW Event

Karnavati University, Gandhinagar, Gujarat

Conference

May 2023

- This event featured keynote speeches, panel discussions covering various topics such as artificial intelligence, machine learning, blockchain, cybersecurity, and more.

Hack The Mountains

Marwadi University, Rajkot, Gujarat

National-level hackathon

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