

Malam Ronak Bharatbhai

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SUMMARY

Computer Science undergraduate skilled in full-stack development, carrying artificial intelligence and machine learning knowledge. CI/CD workflows, cloud deployment, and scalable application development using modern web technologies.

EXPERIENCE

Founder & Research Engineer

MayaMatrix

January 2025 - Present, Ahmedabad, Gujarat, India

- Founded MayaMatrix, an independent R&D initiative focused on software engineering, automation, and intelligent systems.
- Built and deployed a MERN-based Attendance Management System for Rai University with JWT authentication and role-based access control.
- Developing a cross-platform alumni networking application using React Native, Node.js, MySQL, Redis, Socket.IO, and Cloudinary.
- Developed an OCR-based document processing tool in Python for automated text extraction and structured data generation.
- Designed and implemented REST APIs, database schemas, authentication systems, and real-time communication features across multiple applications.
- Led end-to-end development including system design, implementation, testing, deployment, and technical documentation.

PROJECT

Attendance Management System

MayaMatrix (Built this for Rai University) • [attendance-management-system-mayamatrix.vercel.app/](#) • August 2025 - June 2026

- Developed a full-stack web app named Attendance Management System with 3+ core modules for attendance tracking, authentication, and dashboard management.
- Implemented JWT-based authentication and role-based access control supporting 2 distinct user workflows for students and faculty members.
- Designed responsive attendance dashboards and backend workflows supporting efficient management of 100+ attendance-related data entries.
- Structured REST API workflows and database operations for secure storage, retrieval, and processing across multiple attendance management functions.

EDUCATION

Bachelor's of Technology (Computer Science and Engineering)

Rai University • Ahmedabad, Gujarat, India • 2026 • 8.63 GPA

- Relevant coursework includes DSA, DBMS, OOP, OS, Computer Organization and Architecture, Cloud Computing Fundamentals, DevOps, and Full-Stack Web Development (React, Node.js, Next.js). These courses provide a strong foundation in software engineering, scalable systems, and computational problem-solving. Currently pursuing AI Essentials, Computer Networks, Design and Analysis of Algorithms, and Python with Django.

Higher Secondary Education (Class XII) in Science

Alpha High School • Junagadh, Gujarat, India • 2024 • 5.62 GPA

Secondary Education (Class X)

Shree Swaminarayan Gurukul • Junagadh, Gujarat, India • 2021 • 7.04 GPA

CERTIFICATIONS

Data Analytics Using Python and SQL

ADS Foundation Adalaj • 2026

- Completed a 120-hour Skill Based Internship Training (SBIT) focused on Data Analytics using Python and SQL. Gained hands-on experience in data cleaning, analysis, visualization, database querying, and project-based problem solving using real-world datasets.

Data Science Basics

Cisco Networking Academy • 2024

- This certification provided foundational knowledge in data analytics, data processing, and core data science concepts. It supports my skills in AI/ML and enhances my ability to work with data-driven applications and projects in my B.Tech CSE (AI/ML) curriculum.

JavaScript Essentials 1

Cisco Networking Academy • 2024

- Know the syntax of the core JavaScript, can work with variables, operators, flow control, and functions, know the basics of data types system, think algorithmically and can analyze problems using a programmatic conceptual apparatus, Plus can design, develop, and improve simple JavaScript programs.

SKILLS

Programming Languages: Python, C, C++, Java, SQL

Web Development: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Node.js, Express.js, RESTful APIs, JWT Authentication, OAuth, B-crypt

Data Analytics: Python, SQL, Data Cleaning, Data Visualization

Databases: MySQL, MongoDB, PostgreSQL

Tools & Platforms: Git, GitHub, VS Code, Postman, Kiro IDE, Claude Code, Canva Core Computer Science: AI / ML, MERN Stack, OOP, DBMS, OS

Soft Skills: Problem Solving, Analytical Thinking, Team Collaboration, Fast Learning, Adaptability