

Ronak Malam

📍 Junagadh, Gujarat, India ✉ itzronakmalam94@gmail.com ☎ 8264983605 🌐 in/ronak-malam 📄 github.com/Ronakmalam333

SUMMARY

B.Tech CSE (AI/ML) student skilled in MERN stack development, AI/ML concepts, backend API design, and scalable web applications. Proven ability to deliver efficient, user-focused, production-ready software solutions.

PROJECT

Attendance Management System

- Rai University • github.com/Ronakmalam333/Attendance-Project • August 2025 - August 2025
- Automated attendance tracking, cutting manual effort by 70% and saving approximately 2 hours daily for a teacher managing 50 students.
 - Improved accuracy by 80% through validation and real-time logging, ensuring 99% data reliability during tests.
 - Saved 100% of costs for physical registers (~\$50/year) and software licenses by creating a deployable free solution on Vercel.
 - Designed an intuitive UI that achieved 90% user proficiency within 10 minutes in a 20-user test group.
 - Secured 100% of student and staff data using JWT authentication, passing a simulated breach test with zero vulnerabilities.
 - Built with scalability in mind, allowing future expansion to larger datasets and increased user loads without performance loss.

EDUCATION

Bachelor's of Technology (Computer Science and Engineering - AI / ML)

- Rai University • Ahmedabad, Gujarat, India • 2028 • 8.67 GPA
- Relevant coursework includes Machine Learning, Deep Learning, Data Structures & Algorithms, Full-Stack Web Development (MERN), and Cloud Computing fundamentals, providing a strong foundation in AI/ML and software engineering principles.

Higher Secondary Certificate (HSC) in Science

- Alpha High School • Junagadh, Gujarat, India • 2024 • 5.62 GPA
- Completed foundational coursework in Physics, Chemistry, Mathematics, and Computer Science, building essential analytical and problem-solving skills for engineering studies.

Secondary School Certificate (SSC)

- Shree Swaminarayan Gurukul • Junagadh, Gujarat, India • 2021 • 7.04 GPA
- Achieved distinction with excellent performance in Mathematics and Science, demonstrating strong analytical and problem-solving abilities.

CERTIFICATIONS

Data Science Basics

- Cisco Networking Academy • May 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 • Jun 2024
- Achieved the student level credentials.
 - 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.

INVOLVEMENT

Project Manager

- Gujarat Vidyapith • Odoo • March 2025 - March 2025
- Pitched **AstraKavach**, an AI-powered women's safety app with real-time SOS alerts and smart route guidance.
 - Aiming to reduce emergency response time by 50%.
 - Researched 5+ AI models and used TensorFlow Lite for efficient on-device processing.
 - Designed scalable backend using Django and Firebase to support 1,000+ users.
 - Presented to industry experts, received positive feedback, and identified key improvements like privacy controls and emergency services integration.
 - Strengthened skills in AI evaluation, mobile AI deployment, backend architecture, and professional communication.

SKILLS

Technical Skills :

Frontend: HTML, CSS, JavaScript (ES6+), React.js, Next.js, Tailwind CSS, Redux Toolkit
Backend: Node.js, Express.js, RESTful APIs, Bcrypt, JWT, OAuth
Databases: MongoDB, MySQL, Redis
DevOps & Tools: Git, GitHub, GitHub Actions, Jenkins, Docker, Kubernetes, AWS, Google Cloud Platform, ESLint, Prettier
Design & Prototyping: Figma, GIMP, Canva, Blender

Hard Skills & Soft Skills :

Agile/Scrum Development, CI/CD, API Integration, Application Performance Optimization, Database Management, Problem-Solving, Analytical Thinking, Team Collaboration & Communication, Adaptability, Quick Learning, Critical Thinking, Decision Making, Technical Writing