

# RAJ ROY

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## OBJECTIVE

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Full Stack Web Developer passionate about crafting intuitive UI/UX and integrating AI/ML models into web apps. Driven to build intelligent, user-centric solutions that elevate engagement and functionality.

## EDUCATION

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**Bachelor's in Computer Engineering**, Marwadi University , Rajkot Expected 2026  
Data Structures & Algorithms, Web Technologies, Database Management Systems, Artificial Intelligence, UI/UX Design, Software Engineering.

**Secondary & Higher Secondary School Certificate**, Kendriya Vidhyalya No.1 Jamnagar 2019-2022

## SKILLS

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<b>Front End</b>	HTML5, CSS3, JavaScript (ES6+), React.js, Responsive Design
<b>Backend</b>	Node.js, Express.js, RESTful APIs, MySQL, MongoDB, JWT/OAuth
<b>AI/ML for Web</b>	Integrating ML models with Flask/Express, Scikit-learn, TensorFlow, PyTorch
<b>Tools</b>	Git & GitHub, Postman, Docker, Netlify, Vercel
<b>UI/UX &amp; Design</b>	Figma , Wireframing , Prototyping , User Research
<b>Soft Skills</b>	Problem Solving, Cross-functional Collaboration, Adaptability, Communication

## EXPERIENCE

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**Full Stack Web Developer Intern** Feb 2025 - May 2025  
Vectrium Ventures *Rajkot , Gujarat*

- Developed a full stack automation system with responsive UI using React.js and backend APIs built on Node.js, resulting in a 15% increase in operational efficiency.
- Streamlined production workflows by integrating RESTful APIs and optimizing database queries, leading to a 10% reduction in production costs.
- Designed and deployed responsive web solutions for maintenance tracking, reducing equipment downtime by 20% through real-time monitoring dashboards.

**UI and UX Designer** Sep 2024 - Dec 2024  
Codifica *Middle East , UAE*

- Designed and delivered high-fidelity UI prototypes and responsive layouts for multiple client web and mobile applications, leading to a 30% improvement in initial user engagement and client satisfaction.
- Conducted user research, created wireframes, and iterated on visual designs based on direct client feedback, optimizing both usability and brand alignment across diverse projects.
- Collaborated closely with developers to ensure pixel-perfect implementation of UIs, reducing handoff cycle time and increasing efficiency in product releases.

## PROJECTS

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**Mern Stack Job Portal.** ([Link](#)) Developed a full-stack job portal that enables employers to post job listings and job seekers to apply. The platform includes resume submission, application tracking, and secure authentication using JWT. Built with MongoDB, Express.js, React.js, and Node.js, the system ensures a seamless user experience.

**Hate Speech Detection Using AI/ML / Research** ([Link](#)) This project focuses on detecting hate speech across social media platforms using advanced Machine Learning techniques. It is built as part of an academic AI/ML research project.

**Diabetes and Cardiovascular Threat Detector** ([Link](#)) Developed a machine learning-based web application to predict diabetes and cardiovascular diseases using patient health metrics. Implemented models using Random Forest and Logistic Regression, trained on public healthcare datasets from Kaggle. Designed a user-friendly Flaskbased frontend to input data and display real-time prediction results. Focused on accuracy, model evaluation, and clean UI integration for practical usability in preventive healthcare.

**Portfolio Website** ([Link](#)) A portfolio website showcasing projects and technical skills with an interactive and responsive UI. Built using HTML, CSS, and JavaScript.

## EXTRA-CURRICULAR ACTIVITIES

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- **Freelance Graphic Designer** : Worked extensively with numerous YouTube creators, brands, and organizations, delivering custom graphics and design solutions tailored to their needs. Developed content for social media, marketing campaigns, and online communities, gaining hands-on experience in client collaboration and creative problem-solving.
- **Football** : Actively participated in the "Khel Mahakumbh" tournament during school days, representing the school team. Built strong teamwork, discipline, and competitive spirit through regular training and inter-school competitions.

## ADDITIONAL INFORMATION

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- **Languages** : English , Hindi , Bengali , Gujarati.
- **Hobbies** : Graphic Designing , Playing Football.
- **Interests** : Open-source contribution , Design , Tech.