

# Rohit Singh

Full-Stack (app/web) Developer — AI/ML Enthusiast

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Email

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Portfolio

## SUMMARY

Full-stack developer skilled in React, Node.js, Flutter, and AI/ML with hands-on experience building real-world applications. Passionate about backend development, scalable systems, and integrating AI into mobile and web platforms.

## WORK EXPERIENCE

### Software Development Engineer 1 (SDE-1)

Jan 2026 – Present

Acceret Infotech Solutions, Gandhinagar, Gujarat

- Built Agro ERP platform for agricultural supply chain digitization — crop tracking, inventory, and multi-role farmer onboarding using microservices architecture
- Engineered REST APIs (Node.js, Express.js, MongoDB) with RBAC and JWT authentication; optimized query performance via indexing and aggregation pipelines, reducing response time by 30%

## TECHNICAL SKILLS

<b>Languages:</b>	JavaScript, Python, Java, Dart, SQL, MongoDB
<b>Frontend:</b>	React.js, (HTML, CSS, JS), Flutter, XML
<b>Backend:</b>	Node.js, Express.js, Firebase, Flask
<b>AI/ML:</b>	TensorFlow, PyTorch, NLP, Panda, NumPy, Matplotlib
<b>Tools:</b>	Git, Github, PowerBI, Huggingface, Vercel, Railway, Figma

## PROJECTS

### HabitIQ – AI Health Tracker [Project Link](#)

2024

React — Node.js — MongoDB — AI/ML

- Developed an AI-powered health tracker with NLP chatbots and predictive analytics
- Integrated wearable device APIs for real-time health monitoring
- Reduced user onboarding time by 40% through UI/UX optimizations

### AI Image Recognition Chatbot [Project Link](#)

2024

Python — TensorFlow — OpenCV — NLP — Flask — React

- Built a multimodal chatbot using CNN/YOLO for image recognition with natural language conversations
- Achieved 81% accuracy with sub-10s inference time across 1000+ object classes
- Designed scalable microservices supporting 1000+ concurrent users with encrypted communication

### MedAssist+ [Project Link](#)

2025

Flutter — Node.js — MongoDB — Flask — OpenCV — HuggingFace — LLMs — HTML/CSS/JS

- Developed an AI-powered medical emergency assistant with QR/face scan-based patient identification
- Built online/offline AI bot for medicine explanation, symptom analysis, and disease prediction
- Implemented a secure medical data vault with automated extraction of prescriptions and reports
- Created a mobile/web platform with instant data retrieval using face-scan and QR scanning

### FashionHub – E-Commerce Platform [Project Link](#) [Demo](#)

2025

React — Node.js — MongoDB — Express — Tailwind CSS — TypeScript — Shadcn/UI — Vite — Figma

- Developed a full-stack fashion e-commerce platform with secure authentication and responsive UI
- Built product catalog, advanced search, filters, cart, wishlist, and real-time order tracking
- Designed an interactive admin dashboard for inventory, analytics, and user management
- Added blog system, AI chatbot support, notifications, and mobile-optimized layouts

## EDUCATION

### B.Tech Computer Science & Engineering

2022–2026

Parul University, Vadodara

### GSEB Secondary & Higher Secondary Certificate

2020 & 2022

St. Mary's School, Vapi

## CERTIFICATIONS

### PU Code Hackathon 2.0

2025

ReactJS, AI/ML, Node.js, Express.js, MongoDB

### Vadodara Hackathon 5.0

2024

Flask, AI/ML, (HTML, CSS, JS), Bootstrap

### SQL and Databases Certification

2024

Infosys Springboard

### [Computer Networks and Internet Protocol], [Theory of computation], [Internet of Things]

2023-2025

NPTEL - IIT Kharagpur