Jay Raychura Software Developer

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PROFESSIONAL SUMMARY

Software Engineering undergraduate skilled in MERN stack development with experience building REST APIs and full-stack applications. Strong foundation in DSA and backend systems, seeking an entry-level MERN or Full Stack Developer role.

EDUCATION

Bachelor of Engineering (B.E.) in Artificial Intelligence and Data Science 07/2023 – 07/2027
Government Engineering College, Rajkot (GTU) Rajkot, India

Class 12 - Science (A Group) 2023
Rajshakha Higher Secondary School
Gujarat Secondary and Higher Secondary Education Board (GSEB)

Class 10 - SSC 2021
Sigma Public School
Gujarat Secondary Education Board (GSEB)

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, C, PHP • **MERN Stack:** MongoDB, Express.js, React.js, Node.js • **Frontend:** React.js, HTML, CSS, Tailwind CSS, Responsive Design, Component-Based UI • **Backend:** Node.js, Express.js, Flask, REST API Development, Authentication, Authorization, JWT • **Databases:** MongoDB, MySQL, PostgreSQL, SQL, Database Design, CRUD Operations • **Libraries & Data Tools:** NumPy, Pandas, scikit-learn, TensorFlow • **Tools:** Git, GitHub, Postman, VS Code, PyCharm, Jupyter Notebook, Linux

PROJECTS

BioLink - Healthcare Management System
Tech Stack: Python, Flask, REST APIs, SQL, SQLite, TensorFlow
- Developed Flask-based backend services handling user authentication, authorization, and core workflows
- Implemented role-based access control and integrated ML-based disease classification using TensorFlow
- Designed relational database schema and implemented CRUD operations for patient and appointment data

BMSmart – Building Management System
Tech Stack: Kotlin, Jetpack (MVVM), Android Studio, Python, Flask, REST APIs, SQL, Razorpay
- Built a full-stack building management app with Android (Kotlin) frontend and Flask backend APIs
- Implemented role-based authentication and Razorpay integration for secure digital payments
- Developed QR-based visitor entry and optimized relational database for scalable operations

HRMS – Human Resource Management System
Tech Stack: Python, Flask, SQL, Authentication, Authorization
- Designed and developed a backend-driven HR management system using Flask and SQL databases
- Implemented role-based authentication with separate Admin and Employee access levels
- Built modules for employee records, leave tracking, and attendance management

HACKATHONS & AWARDS

Odoo Hackathon 2025 - Top 250 Offline Finalists

OdooXCHARUSAT 2025 - Top 75 Selected Teams

HackOut'25 (DA-IICT Gandhinagar & Unstop) - Offline Round Shortlisted