

CHIRAG VASAVA

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PROFESSIONAL SUMMARY

Full-Stack Developer and AI Builder with a strong track record of shipping production-grade platforms across MERN, Next.js, FastAPI, and Gemini AI. Experienced in architecting intelligent pipelines, ERP-style systems, and interfaces that blend system depth with UI craftsmanship.

EDUCATION

B.E. in Computer Science and Engineering

Maharaja Sayajirao University of Baroda | 2024 – 2027

Diploma in Information Technology

Parul University | 2021 – 2024

Secondary School Certificate (Class 10th)

Percentile: 91.29

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, FastAPI (Python), Spring Boot, Appwrite

AI & Testing: Gemini 2.5 Flash API, Playwright, PyTest, Python AST

Languages: JavaScript, TypeScript, Python, Java

Databases: PostgreSQL, MySQL, MongoDB, SQLite, SQLAlchemy, Prisma ORM

APIs & Payments: RESTful APIs, Razorpay, JDBC

DevOps & Tools: Git, GitHub, Docker, CI/CD (GitHub Actions), Postman

PROJECTS

TestForge AI – Intelligent Test Automation Platform

Next.js, FastAPI, Python, SQLAlchemy, SQLite, Gemini 2.5 Flash, Playwright, PyTest, TypeScript | [GitHub](#) | [Live](#)

- Built a full-stack QA platform that parses Python code via native AST analysis and auto-generates PyTest boilerplate, eliminating manual test authoring overhead
- Integrated Gemini 2.5 Flash to suggest targeted edge case assertions per function and auto-generate parameterized Playwright scripts from plain-English test steps
- Implemented a CI/CD GitHub Actions quality gate with weighted risk scoring (coverage gap, complexity, commit frequency) that auto-comments analysis reports on PRs

DayFlow – Human Resource Management System

MERN Stack (MongoDB, Express.js, React, Node.js), JWT, bcrypt | [GitHub](#) | [Live](#)

- Developed a full-featured HRMS with auto-generated Employee ID system, role-based JWT auth (Admin, HR, Employee), and forced password change on first login
- Built interactive attendance calendar with daily check-in/out, leave approval workflows, and payroll engine with gross/net salary breakdown and deduction tracking
- Designed admin analytics dashboards, centralized employee lifecycle management, and real-time notifications with a fully responsive modern UI

UniNest AI – Campus Recruitment Operating System

Next.js 15, Express.js, TypeScript, Prisma ORM, PostgreSQL, Gemini 1.5 Flash | [GitHub](#) | [Live](#)

- Orchestrated a full campus placement OS handling drive discovery, resume verification, interview scheduling, AI-powered ATS scoring, and offer management end-to-end
- Integrated Gemini 1.5 Flash ATS engine that scores resumes against job descriptions — returning verdict, strengths, skill gaps, and matched keywords with heuristic fallback
- Designed role-differentiated portals (Student/Company) with Prisma + PostgreSQL schema, full offer audit trail, and counter-offer negotiation workflow

ACHIEVEMENTS

Hack-A-Throne 2025 – MSU Baroda (Team Leader)

- Led a team to design and ship an AI-powered Event Management Portal within a 32-hour hackathon window
- Implemented AI-based vendor recommendations, image-based product search, and multi-role dashboards under competitive time pressure
- Demonstrated rapid full-stack delivery, technical leadership, and cross-functional collaboration in a high-stakes environment

Odoo x GCET Hackathon 2026

- Built RentFlow — a complete ERP-style rental platform — and advanced from virtual screening to the offline final round
- Implemented multi-step checkout (COD, UPI, Card, Razorpay), quotation management, order lifecycle, and PDF invoice generation
- Gained hands-on experience in multi-vendor platform architecture, real-world ERP design, and competition-grade delivery