

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, SQL, Typescript, C++
Frameworks & CMS: Next.js, React, Strapi CMS, Node.js, Express, Design Systems
Databases & Caching: MySQL, PostgreSQL (pgvector), MongoDB, Redis, Pinecone, RabbitMQ
Cloud & DevOps: AWS, CI/CD (AWS CodeBuild, AWS CodePipeline, Github Actions), Docker
Code Quality & Compliance SonarQube, Vanta
Monitoring & Analytics: Sentry, PagerDuty, Posthog, Google Analytics
AI & Generative AI: LangChain, AWS Rekognition, LLMs, RAG, Prompt Engineering
Testing & Tools: Jest, Pytest, Vitest, Git, Jira, Confluence, Cursor, DBeaver

WORK EXPERIENCE

- **Software Engineer @ Jeavio | Vadodara, IN**

May 2025 - Present

- Architected a **scalable facial recognition microservice**, reducing processing time by 75%.
 - Collaborate with Product Managers to refine technical requirements & groom user stories.
 - Delivered **mission-critical technology for the most-attended event in the USA**, ensuring performance under extreme load.
 - Troubleshoot & resolve production issues**, improving system reliability and minimizing downtime.
 - Drove **user base growth and engagement for Fortune 500 clients** in an Agile environment.
- **Associate Software Engineer @ Jeavio | Vadodara, IN**

May 2024 - Apr 2025

- Engineered **AI application incorporating multi-source data ingestion and RAG**, improving context accuracy by 15%.
 - Integrated and **benchmarked LLMs with intent detection** to optimize response time.
 - Established secure user authentication and streamlined user management across the platform.
 - Diagnosed & addressed critical production issues, reducing downtime** and improving application stability.
 - Engaged with **cross-functional teams to define business requirements and architecture**.

EDUCATION

Year	Degree/Examination	Institution	CPI/%tile
2024	B.Tech (Information Technology)	Dharmsinh Desai University, Nadiad, GJ	8.80/10.0
2020	CLASS XII, GSEB	Parth School, Vadodara, GJ	94.53%
2018	CLASS X, GSEB	St. Arnold's High School, Godhra, GJ	99.52%

RELEVANT COURSES

Discrete Mathematics	Object Oriented Programming	Data Structures & Algorithms
Microprocessor Architecture	Database Management System	Design & Analysis of Algorithm
Applied Operating System	Design Patterns	System Design Practices
Knowledge Systems	Data Analysis	Distributed Computing
Theory of Automata	E-Commerce & E-Security	Language Translator
Advanced Java Technology	Communication Systems	Web Technology

INTERNSHIP

- **Intern @ Jeavio | Python, React, MySQL**

- Engineered an **AI-driven survey engine**, EngageHub that dynamically generates curated mental health assessments tailored to specific high-stress work environments and professional roles.
 - Implemented **comparative analysis logic to evaluate individual responses against peer-group benchmarks**, providing stakeholders with data-driven insights to monitor organizational well-being.
 - Delivered a **production-ready client solution designed to identify mental health trends** and facilitate proactive interventions for workers in critical workplaces.

KEY PROJECTS

- **CloudPal - Your Ally in the cloud | React, Python, Supabase**

- Developed an AI-driven web application that leverages AI to **automate AWS architecture planning by translating project requirements into optimized, production-ready infrastructure designs**.
 - Engineered an **automated decision engine that bridges the gap between financial constraints and technical configurations**, ensuring cloud solutions are both cost-effective and perfectly aligned with specific performance needs.
- **Curriculum Management System | React, SpringBoot, MySQL**

- Designed a Full-stack application to streamline curriculum design and ensure data isolation for universities, securely managing faculty and departmental details.
- **Grammar Analysis System | YACC, LEX**

- Engineered a **compiler-based system which helps in analyzing grammatical errors** in any English Sentence.
 - It analyzes the grammar of English sentences and identifies the subject, verb, object, and other parts of speech.

HACKATHON & ACHIEVEMENTS

- **Participant @ Jeavio Tech Challenge**

- Developed an **accelerated reimbursement platform** which can be integrated into the existing HR system to **minimize the manual efforts**.
- **Event Lead @ CodeChef Chapter, DDU**

- Led competitive programming events in partnership with the CodeChef Platform, **fostering algorithmic skills among peers and mentees**. Conducted a **Data Structures and Algorithms bootcamp**, providing essential technical foundation.
- **UCMAS, India (Level 6)**

- Pursued UCMAS for 3.5 years and won a merit badge in the state-level UCMAS competition in Gujarat.