

Manushi Dagli

Software Engineer

Portfolio

+91-94266-18679

manushidagli2512@gmail.com

Linkedin Github

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.