Manushi Dagli
Software Engineer

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TECHNICAL SKILLS

Programming Languages	JavaScript, Python, Java, SQL, Typescript, C++
Frameworks & Technologies	REST APIs, Microservices, Docker, Redis, RabbitMQ, SonarQube
Databases	MySQL, PostgreSQL, MongoDB
Development Tools	Microsoft Visual Studio, VS Code, DBeaver, Cursor
Version Control & Collaboration	Git, Bitbucket, Jira, Confluence
Cloud & DevOps	AWS (Lambda, SNS, SQS, CloudWatch, ECS, etc.), CI/CD (AWS CodeBuild, CodePipeline, Github Actions)
AI/ML	AWS Rekognition, LLM, RAG, Prompt Engineering, Intent Detection, LangChain
Other Skills	Unit Testing (Jest, Pytest, Vitest), Agile Methodologies

WORK EXPERIENCE (1.5 YEARS)

Software Engineer | Jeavio | Vadodara, IN — May 2025 - Present

Software Development	• Architected a Scalable image recognition microservice (deemed the 'most significant feature' of the Q3 release by stakeholders), automating the manual process and reducing processing time by 75%. • Collaborate with product managers to **refine technical requirements** & **groom user stories.**
Performance Engineering	• Delivered mission-critical technology for **one of the most attended events in the US**, ensuring platform stability and high performance under extreme load.
Incident Management	• **Troubleshoot & resolve** production issues, improving system reliability and minimizing downtime.
Agile & Team Collaboration	• Drove user base growth and engagement for Fortune 500 clients by designing and delivering critical, complex features as a forward deployed Full-Stack Engineer within an Agile environment.

Associate Software Engineer | Jeavio | Vadodara, IN — May 2024 - Apr 2025

Software Development	• Engineered Production-ready AI application incorporating multi-source data ingestion and **Retrieval Augmented Generation (RAG)**, improving context retrieval accuracy by 15-20% and facilitating more relevant search results. • Integrated and benchmarked various **Large Language Models (LLMs);** implemented intent detection and designed hybrid retrieval strategies to optimize relevance and response time. • Created & executed Pytest and Jest test cases, ensuring **high code quality and reliability.**
System Architecture	• Integrated various external tools to establish secure user authentication and streamline user management across the platform, webhook-based real-time document ingestion and designed Jira integration, allowing users to query Epics and User Stories etc.
Operational Stability	• Diagnosed & addressed critical production issues, **reducing downtime** & **improving application stability.**
Agile & Team Collaboration	• Engaged with cross-functional teams to define business requirements & contribute to system architecture discussions.

ACADEMIC QUALIFICATIONS & ACHIEVEMENTS

Degree / Examination	Institution	%tile/CGPA	Year
B.Tech. Information Technology	Dharmsinh Desai University, Gujarat	8.88/10.00	2024
CLASS XII, GSEB	Parth School, Vadodara	94.53 %	2020
CLASS X, GSEB	St. Arnold's High School, Godhra	99.52 %	2018

INTERNSHIP & PROJECTS

Intern	Jeavio	Co-developed an applied AI product, used to assess individual's mental health at critical workspaces.	Python, React, MySQL
Health Utopia – HealthCare System	Designed an application to help people maintain their fitness using its special personalized features. Enables patients to input symptoms for preliminary disease diagnosis and receive personalized lifestyle maintenance recommendations.	JavaScript, jQuery, Node, MySQL
Curriculum Management System	Designed a Full-stack application to streamline curriculum design and ensure data isolation for universities, securely managing faculty and departmental details.	React, SpringBoot, MySQL
English Sentence Analysis System	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.	YACC, LEX

HACKATHON & ACHIEVEMENTS

Participant, Jeavio Tech Challenge	Developed an **AI-driven**, 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.

EXTRA-CURRICULAR ACHIEVEMENTS

UCMAS, India (Level 6)	Pursued UCMAS for 3.5 years and won merit badge in the state-level UCMAS competition in Gujarat.