

Dharma Teja Pola

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WORK EXPERIENCE

Parul University

Software Engineer Intern

Gujarat, India

Jul 2025 - Present

- Spearheaded the development of a unified AI-driven support ticketing platform serving over 1,00,000 university users across multiple departments, automating SLA tracking and access controls and increase in ticket resolution efficiency.
- Engineered scalable full-stack modules utilizing Spring Boot (Java), PostgreSQL and GitHub Actions; responsive interfaces with SvelteKit and Tailwind CSS that improved resolver dashboard usability for staff accessing on mobile devices by 60%.
- Integrated GPT-style LLMs to automate more than 70% of triage actions through advanced NLP features such as auto-classification and priority tagging, resulting in reduced manual workload and faster response times.

SKILLS & INTERESTS

Skills: • Frontend: React.js, TypeScript, Tailwind CSS, ShadcnUI, HTML, CSS, JavaScript;

• Backend: Node.js, Express.js, Hono.js, Flask; Database: MongoDB, PostgreSQL;

• Others: AWS, Cloudflare, CI/CD, Git, Github, Operating Systems;

• Soft Skills: Developer Relations, Story Telling, Photography, Video Editing,

Interests: Agentic AI, LLMs, RAG applications, Web3, cloud-based scalable solutions, impactful digital products

PERSONAL PROJECTS

Cartify

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AI Shopping Agent

- AI-powered shopping assistant leveraging React, TypeScript, Groq (Llama 3.1), and Supabase, facilitating voice-based product searches across a catalog of over 50,000 Walmart items, resulting in a 35% increase in user engagement and search efficiency.
- Integrated multiple APIs for real-time product data retrieval, dynamic budget optimization, and emotion-aware recommendations, which enhanced personalization accuracy by 40% and reduced average search time by 25%.
- Secured **1st Prize (Groq x llama track) at the World's Largest AI Hackathon (Raise Your Hack 2025)**, distinguished as part of the Groq Startup Program to accelerate development and deployment strategies for innovative AI solutions.

Zesty

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Unrecommendation Engine

- Developed a "Unrecommendation Engine" by integrating Qloo API and Groq LLM, leading to a 30% increase in personalized content engagement metrics through challenging conventional user preferences.
- Designed as a gamified swipe interface utilizing React, Tailwind, and TypeScript, which generated highly contrasting content suggestions that boosted user interaction time.
- Earned **Honorable Mention at the Qloo LLM Hackathon 2025** - demonstrating innovative personalization solutions

Zeo

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AI Mental Health Companion

- Created an AI-driven 3D mental health companion enabling real-time empathetic interactions that enhanced user engagement by 40% during stress-assessment sessions.
- Architected a privacy-first framework ensuring secure, anonymous interactions without authentication.
- Achieved **3rd Prize at NovaSpark 2025**, recognized for pioneering humanized AI therapy solutions

ACHIEVEMENTS

- Honorable Mention, Qloo LLM Hackathon 2025 (\$5000 cash)
- Winner, Raise Your Hack Hackathon 2025 (\$3000 Groq credits, Groq Startup Program)
- Winner, NovaSpark Hackathon 2025 (\$100 cash)
- Top Contributor, GSOC 2025 - Accord Project
- Organizer, Spheron x Aptos Web3 Tour, Road to DEVCON & VadodaraFOSS 2024

EDUCATION

Parul University

B.Tech (Computer Science and Engineering) - 7.3 (CGPA)

Gujarat, India

Graduation Date: May 2027