

Palwai Tejaswini

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PROFESSIONAL SUMMARY

Full-stack developer who enjoys turning ideas into clean, working products that people actually use. I've built AI-powered and data-driven applications with a strong focus on usability, performance, and real-world impact, backed by consistent problem-solving practice (1900+ LeetCode). I'm someone who learns quickly, builds thoughtfully, and writes clean lasting code.

EDUCATION

Bachelor of Technology (Computer Science)

2024 - 2028

Newton School of Technology, Rishihood University

Grade: 7.81/10.0

INTERNSHIPS

Frontend Developer Intern

May 2025 - June 2025

TopSquill Pvt LTD.

Remote

TopSquill is a software solutions and upskilling company focused on building digital products and training talent for modern tech roles.

- Built 5+ reusable React components and supported core LMS workflows used by 200+ daily users.
- Tested and validated 20+ REST API endpoints, ensuring accurate MySQL-backed data handling and smooth payment flow.

PROJECTS

AstraAI — Agentic RAG System ([Github](#)) ([Demo](#))

March 2026

- Built a document-grounded AI system using FastAPI, LangChain, and Groq with REST-based query handling for PDF-driven question answering
- Engineered a hybrid retrieval pipeline (semantic + keyword) for improved accuracy on structured queries
- Implemented secure response control mechanisms to manage sensitive outputs

LifeLens — Personal AI Journaling Platform ([Github](#)) ([Demo](#))

November 2025

- Built a full-stack AI journaling platform using React, Node.js, Express, and MongoDB with secure JWT-based authentication and complete CRUD functionality
- Integrated LLaMA-based AI to generate context-aware reflections, mood insights, and personalized journaling prompts
- Designed scalable backend systems with search, filtering, sorting, pagination, and engagement features like streak tracking and activity heatmaps

Habitus - Tracking & AI Journaling Platform ([Github](#)) ([Demo](#))

November 2025

- Built a full-stack habit tracking and journaling platform using React, Node.js, Express, and MongoDB with secure JWT authentication
- Implemented habit CRUD with streak tracking, filtering, and pagination for structured daily tracking
- Integrated AI-based journal analysis (summary and mood detection) using Groq API

SKILLS

Computer Languages: Python, TypeScript, HTML, CSS, JavaScript

Data Tools: PostgreSQL, NumPy

Software Packages: Pandas, Figma, Next.js, Tailwind CSS, Prisma ORM, React, Node.js, Express JS, MySQL, MongoDB

Others: Git and Github

EXTRA-CURRICULAR ACTIVITIES

- **Event Organizer, Neutron Damru** — Coordinated and executed large-scale technical and cultural events, managing logistics, teams, and participant engagement
- **Professional Kuchipudi Dancer** — Represented internationally; awarded at a global competition in Dubai