

# TEJAS

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## PROJECTS

**Synapse** - Guided Meditation & Mindfulness Platform - NEXTJS: Offers guided sessions, streak tracking, and a minimal, calming interface designed to support consistent mindfulness habits.

**Algo Visualizer** - Pathfinding & Sorting Algorithms Visualization - NEXTJS: Visualizes pathfinding and sorting processes with smooth animations and adjustable controls for clearer algorithm understanding.

**Mind Coach** - Multi-Coach Learning Platform - NEXTJS/.NET: Allows users to browse and access paid courses from multiple coaches with a clean, scalable full-stack architecture.

**AI Data Insights Toolkit (Mindrift)** - Web Scraping, Data Visualization - PYTHON: Built data scraping pipelines and visualization workflows to collect and analyze large datasets for AI training and tasks, improving data usability and insight generation.

## WORK EXPERIENCE

**System Designer** – Tata Consultancy Services (TCS) Jul 2024 – Present: Built a unified Angular + .NET monitoring dashboard, improving system visibility and reducing manual checks by ~60%. Automated multi-source report aggregation scripts, saving 10+ hours/week in operational effort.

**Cyber Security Intern** – Accenture Mar 2024 – Jun 2024: Developed Splunk dashboards for real-time log analysis, improving incident detection efficiency by ~40%. Streamlined event correlation and alerting workflows to assist in security operations.

**AI Data Analyst / Trainer (Freelance)** – Mindrift 2025: Built automated data collection pipelines using web scraping, APIs, and workflows to gather high-quality real-world datasets for multiple client use cases. Trained and evaluated AI models by curating and validating datasets to improve accuracy.

## EDUCATION

**B. Tech - Computer Science and Engineering** Apr 2020 – Apr 2024: Chandigarh University. Specialization in Software Development & Emerging Technologies. Data Structures, Operating Systems, Computer Networks, DBMS, Software Engineering.

## SKILLS

**Languages & Frameworks:** JavaScript, Python, C++, Next.js, Angular, Node.js, MERN, .NET

**Databases & Cloud:** MongoDB, SQL, Firebase, Azure Devops, Vercel

**Tools & Platforms:** Git, Github, Postman, Splunk, Puppeteer, Rest APIs, WSL, Unity

**Data & AI:** Web Scraping, Data Cleaning, Data Visualization, AI Training Workflows, Workflow Automation