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Professional Summary

Full-stack engineering student with hands-on experience building and deploying MERN applications through internships, open-source contributions, and hackathons. Comfortable working across frontend and backend workflows, REST APIs, authentication, and databases. Actively strengthening problem-solving, backend depth, and system fundamentals through continuous practice.

Experience

Software Engineer Intern (MERN Stack) — Onsite   Dec 2025 – Jun 2026
A1 Soft Solutions Pvt. Ltd. (Aaha Apps)

- Built and deployed the company's official website using **React, Node.js, Express, and MongoDB**, owning both frontend and backend delivery.
- Developed REST APIs and backend workflows with authentication, supporting feature expansion and smoother request handling.
- Improved database queries and API response handling while collaborating closely with founders to ship production-ready features.

Software Engineer Intern   Jun 2025 – Aug 2025
Yuga Yatra Retail (OPC) Private Limited

- Refactored core Node.js service modules, reducing code duplication by **30%** and improving maintainability.
- Improved API response flow using async/await patterns and structured logs, reducing debugging time by **25%**.
- Added basic test cases and improved internal documentation, increasing confidence in module behavior.
- Reduced repeated database calls by restructuring request flows and avoiding unnecessary re-queries.

Open Source Contributor — gssoc-tracker/dattu145   2025
GirlScript Summer of Code (GSSoC'25)

- Contributed **15+ merged PRs** across multiple active repositories, delivering feature enhancements and bug fixes.
- Ranked in the **Top 6%** (Rank #179) among 3000+ global contributors.
- Contributed refactoring, API fixes, and workflow improvements aligned with community standards.

Projects

Peerflex — A Student Collaboration Platform   Mar 2025 – Present
Tech: React, Node.js, TypeScript, Supabase, Tailwind
GitHub — Live Demo

- Built a modular platform supporting chat, events, notes, and AI-assisted workflows with a scalable code structure.
- Designed an SQL schema with indexing and relational mapping; validated performance under simulated concurrent usage.
- Implemented React modular architecture and custom hooks, reducing component coupling by **40%** and improving reusability.
- Built real-time updates using Supabase channels and optimized client-side rendering for **28% faster** UI responses.

VitaHealth — AI-Powered Health Assistant   Dec 2024 – Jan 2025
Tech: React.js, NLP, Supabase, Tailwind CSS
GitHub — Live Demo

- Developed an AI assistant handling **100+ real user queries** through NLP pipelines and third-party health APIs.
- Integrated secure Supabase auth with token hardening, reducing authentication failures by **30%**.

- Applied response-level caching and optimized API loading logic, improving page load speeds by **20%**.

- Built a clean UI architecture with reusable components, reducing CSS overhead by **25%**.

MovieVerse — Full-Stack Movie Discovery Platform Feb 2025 – Mar 2025
Tech: React.js, Node.js, MongoDB, TMDB API
GitHub — Live Demo

- Implemented JWT-based secure authentication and role-based user personalization.

- Redesigned MongoDB schema with proper indexing, reducing query overhead by **25%** and improving search latency.

- Enhanced TMDB-powered recommendation and search flow, boosting query responsiveness by **40%**.

- Reduced repeated external API calls by restructuring request handling and reusing fetched data.

Skills

Frontend: React.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Component Design, Custom Hooks
Backend: Node.js, Express.js, REST APIs
Database: SQL, MongoDB, Mongoose, Supabase, Indexing & Query Optimization
Authentication: JWT, OAuth 2.0, Session Security
Tools: Git, GitHub, VS Code, Postman, Vite, CI/CD Basics, Docker, Jenkins
Deployment: Render, Vercel, Netlify, Containerized Deployments
CS Fundamentals: DSA, OOP, DBMS, OS, CN

Education

Bachelor of Technology — Computer Science and Engineering 2022 – 2026
Mahendra College of Engineering, Salem, Tamil Nadu
CGPA: **8.4 / 10**

Certifications

- Oracle Cloud Infrastructure Certification

- Data Science Course - Advanced (Intellipaat)

- Microsoft SQL Developer — Advanced (Intellipaat)

- Postman API Fundamentals

- Python Programming — Intellipaat

Achievements

- Winner — Smart India Hackathon 2024 (AI Virtual Health Assistant)

- Highest CGPA Scorer — Department Award

- 2nd Place — Web Wizards @ TECHFEST 2024 (180 participants)

- 2nd Place — CATCH 2025 Coding Competition (230 participants)

- Winner — 24-Hour Hackathon (Team Lead)