

Aditya Medidala

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🐙 github.com/AdityaMedidala

EDUCATION

Vellore Institute of Technology (VIT)

Bachelor of Technology in Information Technology

Vellore, India

2022 – 2026 (Expected)

FIITJEE World School

12th Grade - Intermediate Board

Hyderabad, India

June 2021

TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, React, Vite, Node.js, Express.js, Java
- **Databases:** PostgreSQL, MongoDB, Supabase
- **Deployment & Cloud:** AWS, Docker, Vercel, Railway, Cloudinary
- **Libraries:** React Query, Framer Motion, Socket.IO, Leaflet, Recharts, FullCalendar, shadcn/ui

EXPERIENCE

IT Development Intern | Premier Energies Ltd

Hyderabad, India

May 2025 – July 2025

- Developed and deployed enterprise room booking system managing full SDLC, handling 100+ concurrent users with 95% reduction in booking conflicts across 15+ meeting rooms.
- Collaborated with cross-functional teams for product ideation, requirements analysis, and iterative prototyping; received Letter of Recommendation for technical innovation and professional excellence.

PROJECTS

MeetNBook – Enterprise Room Booking System

[Live](#) | [GitHub](#)

- Architected full-stack booking platform with React, TypeScript, and Node.js deployed on Vercel/Railway achieving 99.9% uptime; engineered real-time availability engine with FullCalendar processing 500+ daily queries.
- Built admin dashboard with CRUD operations, analytics, and Cloudinary image management; integrated Microsoft Graph API and Resend for automated email notifications with OTP verification and rate limiting.
- **Tech Stack:** React, TypeScript, Vite, Node.js, Express.js, Supabase PostgreSQL, Railway, Vercel, Cloudinary.

Corporate Transport Management System

[Live](#) | [GitHub](#)

- Designed multi-role fleet platform (Employee/Admin/Approver/Driver) with real-time GPS tracking using OpenStreetMap, Leaflet, and Socket.IO monitoring 50+ vehicles; engineered approval workflow with RBAC reducing approval time by 60%.
- Implemented fuzzy search across 10,000+ records with sub-second response; built analytics dashboards with Recharts and Framer Motion visualizing fleet metrics, reducing operational costs by 30%.
- **Tech Stack:** React, TypeScript, Node.js, Express.js, PostgreSQL, Socket.IO, Leaflet, Recharts.

Zluri App Catalog – Product Management Case Study

[Case Study](#)

- Conducted market research addressing "Shadow IT" challenges in enterprise SaaS management; defined product vision for centralized discovery platform with automated workflows and identity provider integration.
- Produced comprehensive PRD with user personas, journey maps, wireframes, success metrics, and GTM strategy demonstrating strategic product thinking and stakeholder communication.

LEADERSHIP & ACTIVITIES

- **NCC Cadet (Lance Corporal):** Awarded NCC "C" Certificate; recommended twice for Army SSB interviews demonstrating leadership excellence and military aptitude.
- **Basic Leadership Camp (BLC):** Selected as top 5% (1 of 30 cadets battalion-wide) for strategic leadership training in crisis decision-making and tactical operations.
- **Annual Training Camps:** Received commendations for outstanding performance in field exercises, drill competitions, and shooting events in Madurai.