

EDUCATION

- **Gandhi Institute of Technology and Management**

B.Tech in Computer Science Engineering; GPA: 3.66 (9.38/10.0)
- Hyderabad, India

Sep 2022 – July 2026

EXPERIENCE

- **G-Electra Club**

Backend Intern
- GITAM University, Hyderabad

Jun 2024 – Aug 2024
- **Built High-Performance Backend API with Go Fiber:** Designed and developed a robust API using Go Fiber for user/project management with PostgreSQL database.

◦ **Ensured High Concurrency with Load Testing:** Achieved 30-40ms response times with 3000 concurrent requests and minimal resource consumption.

PROJECTS

- **Glearn Notifier** | *Go, PostgreSQL, Cloudflare Workers*

◦ Built a notification system for the Glearn platform to alert users about course updates, deadlines, and events.

◦ Integrated with PostgreSQL for efficient data handling and real-time notification delivery.

◦ Implemented webhook system using Cloudflare Workers for instant push notifications to users’ devices.
- **Custom Learning Management System** | *Go, Go Fiber, PostgreSQL*

◦ Developed a robust LMS for online learning and course management, focusing on user experience and scalability.

◦ Implemented features for course enrollment, progress tracking, and interactive assessments.

◦ Designed an analytics dashboard that provides instructors with insights on student engagement and performance.
- **JIT (Version Control System)** | *Java*

◦ Built version control system with commit history visualization and efficient diff algorithm for tracking changes.
- **Rate Your Professor** | *Go, Go Fiber, PostgreSQL*

◦ Created platform for anonymous professor reviews with recommendation algorithm based on learning styles.

COMPETITIONS

- **GITAM Smart India Hackathon**

PostTucker: Route Planning and Optimization Platform
- 1st Place

Sep 2024
- Created an AI-powered study companion that processed lecture recordings to generate study materials and practice questions.

◦ Engineered efficient route optimization algorithms reducing delivery times by an estimated 25%.
- **Pramana Hackathon**

DRM-Enabled Course Website
- 1st Place

Feb 2025
- Implemented a distributed system architecture that remained operational with 99.9% uptime even under high load conditions.

◦ Built secure content protection mechanisms while maintaining seamless user experience for authorized learners.

TECHNICAL SKILLS

- **Programming Languages:** Golang, TypeScript, JavaScript, Java, C, SQL, Bash
- **Frameworks & Databases:** Node.js, React, Next.js, PostgreSQL, SQLite, MongoDB, Go Fiber, Echo
- **Tools & Platforms:** Vim, Git, Docker, Linux, Self-hosting, AWS EC2

POSITIONS OF RESPONSIBILITY

- **Coding Lead, COGAAN CLUB**

Technical Lead
- GITAM University, Hyderabad

Jul 2024 – Present
- Hosted workshop on self-hosting applications and Linux fundamentals for 50+ students.
- **Cloud Computing Lead, GDGC**

Event Coordinator
- GITAM University, Hyderabad

Aug 2024 – Present
- Organized ”Build with Google Gemini” workshop teaching students to create Telegram chatbots using Google’s AI.