

Abhiram Kanna Seelamanthula

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ABOUT ME

Creative professional with a passion for problem-solving, continuous learning, and collaborative development through pair programming. Skilled at blending technical expertise with creativity to deliver innovative solutions and drive impactful results.

EDUCATION

Gandhi Institute of Technology and Management, Visakhapatnam, India.

Bachelors in Artificial Intelligence and Machine Learning

2021 – 2025

Certifications: C Programming (G.I.T. – 2016), Full Stack Java Development (Datapro Pvt. Ltd. – 2022)

Capstone Project: Automatic Segmentation of Pancreas and Pancreatic Tumor Using 3D U-Net

- Designed a pancreatic tumor segmentation system using 3D U-Net, incorporating advanced data augmentation and a parallel training approach with three models trained on overlapping dataset portions to improve segmentation accuracy.

SKILLS

Frameworks: Next JS, React JS, Node JS

Programming Languages: HTML, CSS, C, Python, SQL, Java, JavaScript

Database: MySQL, MongoDB, PostgreSQL (Native, Supabase)

Notable Achievements:

- Creative Advisor – Entrepreneurs' Club 2023 - 25
- Public Speaking – Conducted multiple professional seminars, including 'Productivity Tools for Entrepreneurs,' two workshops on video editing, and one on 'Principles of Design'

Achievements: Winner at IIAM Pinnacle 2025 Incubation Business Pitch, Top 3 in SUS HACKS, Placed 6th in Campus-wide Career Training Program.

Creative Skills: Graphic Design, Video Editing, Sound Design, Photography & Cinematography

Voluntary work: Deployed a custom Event Ticketing System for university-wide events, managing 3,000+ participants, and collaborating with multiple startups to support design and ideation efforts.

EXPERIENCE

Maple Software Pvt. Ltd. – Summer Intern

Project: Semantic Search Engine (GitHub)

May 2024 – June 2024

- Designed and implemented a semantic search engine, optimizing query vectorization and indexing to reduce response times by 40%.
- Improved search relevance using NLP techniques combined with self-optimizing search pipeline, improving the accuracy of retrieved results by 30% with better search context awareness.

Why Us Media (Startup) – Creative Lead

July 2024 – October 2024

- Directed artistic vision and enhanced content strategies, increasing brand visibility by 40% and doubling media pipeline efficiency.
- Led a team of 5 in producing multiple reels and a major ad shoot for Local Hungama, delivering high-quality content on schedule.

PERSONAL PROJECTS

Project: Active Chat (GitHub)

- Developed a serverless chat platform using Next.js and Supabase, integrating Google OAuth for secure authentication.
- Implemented anonymous, private chat rooms with real-time functionality to disconnect users and clear chat history upon exit, ensuring enhanced user privacy.

Project: The Mockify Project ([GitHub](#) + [LinkedIn](#))**May 2025 – July 2025**

- Developed and deployed a full-stack web platform using Next.JS with 12+ integrated modules in just 8 weeks, as part of a 2-person team, by leveraging AI-assisted development tools for prototyping, testing, and deployment—delivering fast feature rollouts including e-commerce, career portal, events management, forums, and a site-wide gamified rewards system
- Led backend architecture using Supabase and custom Bun microservices, designed to be deployed on a private VPS for scalable and cost-efficient performance—streamlining operations with automated invoicing, real-time notifications, targeted ad systems, and email workflows, while reducing infrastructure costs by 50%.

Project: Event Ticketing System + Check-In Application ([GitHub](#))

- Created a system that pulls user details from the database, generates QR code tickets, and sends personalized emails with the ticket, details attached onto the custom email template, with a rate-limiter to avoid spam.
- Paired with a fast Flutter-based Android & Web Application for both Android and iOS (via web-install) to check-in attendees while optimizing transaction handling, resulting in zero response-errors and quick check-in & out.