

Hemanth Tenneti

Backend Developer • Python Automation

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EDUCATION

Newton School of Technology x Rishihood University

08/2024 – 08/2028

Bachelors of Technology, Computer Science & AI

Sonipat, Haryana

CGPA - 9.167

Indus Universal

05/2023 – 05/2024

Matriculation - XII Grade

Hyderabad, India

Grade - 85%

PROFESSIONAL EXPERIENCE

in.culcate [🔗](#)

12/2024 – Present

Co-Founder (Product & Backend)

Hyderabad, India

An AI-powered storytelling platform that transforms mythology and history into short, emotionally rich “micro-dramas.”

- Led a cross-functional team to **deliver the MVP**, contributing actively to **backend development** during key build phases.
- Helped secure incubation at **ISB Hyderabad** through **ISB I-Venture Hub** and contributed to achieving a **₹5 Cr valuation** for the initiative.
- Supported **development and debugging of backend workflows** used in early product demos and prototype testing.

PROJECTS

Fullstack Development

10/2025 – Present

AdMiro - Advertisement Management System

A digital signage and ad-delivery platform for multi-screen scheduling, real-time content rotation, and device control.

- Designed and implemented the **full-stack architecture** enabling multi-screen scheduling, real-time content rotation, and device control.
- Developed secure REST APIs (**Node.js, Express, MongoDB**) with **JWT authentication** and **Google OAuth** for safe user access.
- Created a responsive **Next.js** frontend with efficient workflows for playlist creation, device pairing, and ad deployment.
- Implemented **modular backend services** to reduce API response times and simplify feature expansion.

Backend Development

10/2025 – 11/2025

Classifieds Website

A backend system modeled after JustDial with scalable search, listings, and user operations.

- Built the **backend** for a scalable classifieds platform **modeled after JustDial**, supporting search, listings, and user operations.
- Implemented core backend modules including **keyword search, listing management, and authentication**
- Delivered core features under a **compressed development timeline** while maintaining performance and reliability.

SKILLS

Python Automation – Proficient
Selenium, PyAutoGUI, Python scripting, automation workflows

Backend Development – Proficient
Node.js, Express.js, REST APIs, JWT authentication, OAuth, MongoDB

Web Development – Competent
Next.js, React.js, HTML, CSS

Tools & Platforms – Competent
Git, GitHub, Linux, Postman

CERTIFICATES

Certificate of Achievement - Coding Olympiad 
Newton School of Technology - Ranked **69 / 16,837**

LANGUAGES

English, Hindi – Native/Bilingual

Telugu – Conversational