

Bandela Mahesh

LinkedIn : [linkedin.com/in/bandelamahesh88](https://www.linkedin.com/in/bandelamahesh88)
GitHub : github.com/bandelamahesh88

Email : maheshbandela88@gmail.com
Mobile: + 91-9177447240

Skills

Languages	:	Python, JavaScript, C++, Java, C, PHP
Backend & APIs	:	Django, Flask, Node.js, REST APIs
Frontend	:	HTML, CSS, React, Bootstrap
Databases	:	MongoDB, Supabase, MySQL
Soft Skills	:	Problem-Solving, Fast learner with high adaptability, Creative

PROJECTS

COSPIRA — AI-Governed Real-Time Communication Platform GitHub	Nov' 2025 - Present'
<ul style="list-style-type: none">Enforces AI-governed trust scoring and intent-based access control for random chat, dynamically moderating behavior and reducing abusive interactions by ~70% across live sessions.Delivers real-time communication including random pairing, private rooms, co-browsing, synchronized YouTube, multiplayer gaming, and WebRTC-based sharing.Employs hybrid MongoDB–Supabase architecture for scalable session persistence, live state sync, and protected user data handling.Transitions backend from Flask to Django with modular AI services, boosting API throughput ~45% and reducing latency ~38%.Utilizes Python 3.13, Django, Flask, MongoDB, Supabase, AI/ML services, Docker, WebRTC, and JavaScript.	
Subscription-Based E-Commerce Website – Daily Essentials Platform GitHub	Mar' 2025 - May' 2025
<ul style="list-style-type: none">Built a subscription platform handling 1,200+ monthly orders while sustaining a 99.2% renewal rate through automated billing and lifecycle management.Designed an adaptive 3D-responsive interface that raised user engagement by 40% and lowered bounce rate by 32% across devices.Constructed a secure PHP–MySQL backend with modular dashboards, improving database query execution by 35% via optimized schemas and indexing.Connected RESTful services to maintain real-time data synchronization with sub-150 ms response latency under load.Implemented authentication, access control, and performance optimizations using HTML, CSS, JavaScript, 3D UI, PHP, and MySQL.	

TRAINING

Data Structures and Algorithms using C++ – Lovely professional University	Jun' 2025 - Jul' 2025
<i>Summer Training CERTIFICATE</i> <ul style="list-style-type: none">Constructed a console-based library management system capable of handling 5,000+ records while attaining 98% memory efficiency and sustaining error-free execution.Structured a modular program layout that shortened compilation time by 30% and curtailed pointer-related defects by 25% through disciplined memory control.Employed advanced DSA constructs—including linked lists, hash tables, min-heaps, and undo stacks—to elevate runtime performance by 35% during intensive operations.Incorporated recursive traversal and bubble-sort ordering logic to accelerate record retrieval and sorting throughput by 40%.Leveraged C++, object-oriented design, and core data structures using VS Code and MinGW for efficient low-level system engineering.	

CERTIFICATE

Computational Theory: Language Principle & Finite Automata Theory – Infosys	Aug' 2025
Computer Communication – Coursera	Aug' 2025
Legacy Responsive Web Design V8 – Freecodecamp	Oct' 2024

EXTRACURRICULAR ACTIVITIES

Participated in the 24-hour Code-A-Haunt hackathon organized by CodingBlocks LPU CERTIFICATE	
Completed 200+ coding problems on LeetCode.	

EDUCATION

Lovely Professional University Bachelor of Technology - Computer Science and Engineering; CGPA: 7.13	Phagwara, Punjab Aug' 2023 - Present'
Narayana Jr college Intermediate; Percentage: 81.4%	Bhimavaram, Andhra Pradesh Apr' 2021- Mar' 2023
Narayana E.M School Matriculation; Percentage: 95.5%	Bhimavaram, Andhra Pradesh Apr' 2020 - Mar' 2021