

MASAPETA KURUVA BHARGAVA SRI SAI

Kurnool, Andhra Pradesh

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Introduction

Computer Science undergraduate with hands-on experience in software development, embedded systems, and NLP-based applications. Proven ability to build practical technical solutions alongside demonstrated leadership in organizing and managing large-scale institutional initiatives.

Education

Amrita Vishwa Vidyapeetham <i>B.Tech in Computer Science and Engineering (CGPA: 7.03)</i>	2024 – 2028 <i>Coimbatore, India</i>
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Projects

DocAI Transformer Services – Developed modular RESTful microservices for document summarization and question answering using transformer-based NLP models. – Implemented scalable Python backends with optimized inference pipelines and extensible API design.	GitHub
Personalized Smart Workspace using Arduino – Built an Arduino-based smart workspace to automate lighting, fan speed, and posture reminders using sensor data. – Integrated embedded C++ logic with real-time environmental monitoring.	GitHub
Food Delivery Application (Console-Based) – Designed a Java-based food delivery system with optimized menu search using segment trees. – Implemented role-based access for customers and administrators using OOP principles.	GitHub
INIT Club Website – Developed and maintained the official INIT Club website using HTML, CSS, and TypeScript. – Collaborated with the core team to publish events, updates, and announcements.	GitHub
NSS Attendance & Certificate Management System – Built web-based tools to manage NSS attendance records and digital certificate distribution.	GitHub

Leadership Experience

National Service Scheme (NSS) – Unit 3 <i>Coordinator</i> – Assisted in coordinating volunteer teams and supporting institutional outreach programs.	2024 – Present <i>Amrita Vishwa Vidyapeetham</i>
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Major Events

46th Inter-District Athletic Meet <i>Overall Coordinator</i> – Managed volunteers, logistics, and budgeting for a three-day inter-district athletic event.	Dec 2025
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Student Organizations

INIT Club <i>Head of Logistics & Finance</i> – Managed budgeting, logistics, and resource planning for club activities.	2025 – Present
Shrishti Club – Poetry Wing <i>Core Team Member</i> – Contributed to planning and execution of literary and cultural events.	2024 – Present