NALLA NAVEEN KUMAR

FULL-STACK SOFTWARE DEVELOPER | INTEGRATED M.TECH CSE

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PROFESSIONAL SUMMARY

Integrated M.Tech Computer Science student at the University of Hyderabad with hands-on experience building full-stack web applications, authentication and payment workflows, and AI-assisted automation. Interested in software engineering, frontend/backend development, and practical machine-learning applications.

EDUCATION

Integrated Master of Technology (M.Tech), Computer Science and Engineering
University of Hyderabad, School of Computer and Information Sciences | 2023–2028 (Expected)

TECHNICAL SKILLS

Programming: JavaScript, PHP, Python, Java

Frontend: React.js, HTML5, CSS3, responsive web design

Backend & APIs: PHP, Node.js, Express.js, REST API integration, OTP authentication

AI & ML: Convolutional Neural Networks (CNN), deep learning fundamentals, chatbot development, automation workflows

Data & Integration: MySQL, MongoDB, JSON, API integration, UPI payment integration

Tools & Concepts: Git, GitHub, socket programming, software development

PROJECTS

Handwritten Character Classification | Academic Project

- Built a custom CNN from scratch for handwritten alphanumeric image classification across 62 classes (0–9, A–Z, a–z).
- Designed an architecture with three convolution/pooling blocks and a 256-unit fully connected layer; no OCR, pretrained model, transfer learning, or external LLM/API.

Technologies: *Python, CNN, Deep Learning, Computer Vision*

Full-Stack Food Ordering Web Application

- Developed a food ordering application with cart functionality, OTP-based login, subscription features, UPI payment integration, and an admin dashboard.
- Implemented backend application logic with structured JSON data handling and a responsive user interface.

Technologies: *React.js, JavaScript, PHP, HTML, CSS, JSON*

AI WhatsApp Automation System

- Designed an AI-based automation workflow to respond to user queries and share information through chatbot logic and API integration.
- Explored conversational flows and automated response handling for customer queries.

Technologies: *API Integration, Chatbot Development, AI Concepts, Automation*

CERTIFICATIONS & JOB SIMULATIONS

- Datacom — Software Development Job Simulation (Forage, 2026)
- Datacom — AI Accelerator: From Copilot to Autonomous Agent (Forage, 2026)
- Datacom — Introduction to Cloud Computing (Forage, 2026)
- Datacom — Cyber Security Operations (Forage, 2026)
- J.P. Morgan Chase & Co. — Software Engineering Job Simulation (Forage, 2026)
- Wells Fargo — Software Engineering Job Simulation (Forage, 2026)

ADDITIONAL INFORMATION

Languages: English (Fluent), Telugu (Native), Hindi (Proficient)
Strengths: Problem solving, teamwork, communication