

# KORLAKUNTA RAMESH

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## Career Objective

Seeking a challenging role in a dynamic organization that values technical expertise, creativity, and strategic problem-solving. Committed to contributing to organizational growth through innovative solutions while continuously advancing professional knowledge and delivering meaningful impact through collaborative and forward-thinking projects.

## Educational Qualifications

<b>B.Tech in Information Technology</b> Lakireddy Bali Reddy College of Engineering, Mylavaram Affiliated to JNTUK   Current CGPA: 7.9 (Upto 6th Semester)	<b>2022 – Present</b>
<b>Intermediate (MPC)</b> Narayana Junior College, Bhavanipuram Percentage: 87.3%	<b>2020 – 2022</b>
<b>Secondary School Certificate (SSC)</b> Tirumala Oxford High School, Piduguralla CGPA: 10.0	<b>2019 – 2020</b>

## Technical Skills

**Languages:** Java, C, Python, JavaScript  
**Frontend:** HTML, CSS, JavaScript, React.js, TypeScript  
**Backend:** Node.js, Express.js  
**Databases:** MySQL, MongoDB  
**UI/UX Design Tools:** Figma, Adobe Photoshop, Canva, UI/UX Principles  
**Modeling & Diagramming Tools:** AutoCAD, StarUML  
**Development Tools & IDEs:** Visual Studio, Visual Studio Code  
**Productivity Tools:** MS Office (Word, Excel, PowerPoint, Outlook – document creation, data analysis, presentations)

## Internship Experience

<b>Intern – Artificial Intelligence of Things (AIoT)</b> <i>Smart Home &amp; Industrial Solutions, Vijayawada</i> <ul style="list-style-type: none"><li>Successfully completed a 40-day internship focused on AI-powered smart home and industrial solutions.</li><li>Developed real-time monitoring systems using Python and IoT sensor data.</li><li>Implemented object detection techniques for automation and safety applications.</li></ul>	<b>May 2024 – July 2024</b>
<b>Intern – Cloud Engineering &amp; DevOps</b> <i>DataValley (Offline Internship)</i> <ul style="list-style-type: none"><li>Completed a 45-day offline internship in Cloud Engineering and DevOps methodologies.</li><li>Worked on deployment automation using Git, Docker, and AWS.</li><li>Built and managed CI/CD pipelines and handled version control and containerization tasks.</li></ul>	<b>May 2025 – July 2025</b>

## Projects

### Plants Shop Online – Full-Stack Development

- Developed a complete e-commerce platform with multiple technology stacks including:
  - Front-End:** Built a responsive UI using React, HTML, CSS, and JavaScript with reusable components and modular design.

- **Back-End:** Created secure RESTful APIs using Node.js, Express.js, and MongoDB with features like user authentication and order management.
- **MEAN Stack Version:** Developed a full-stack version using Angular, Node.js, Express.js, and MongoDB, handling both front-end and back-end integration.
- Ensured scalability, clean architecture, and seamless user experience across all versions.

### AI-Powered Object Detection for the Visually Impaired

- Designed an AIoT-based system using YOLO and OpenCV for real-time object detection.
- Integrated audio feedback to support visually impaired users in identifying obstacles in their environment.

### Achievements

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- **Central Coordinator – IT Department, Lakshya-2K25 (National Fest):** Planned and executed department-level technical events during the college's national-level technical fest.
- **Team Lead – Runners-Up, Innostes Solutions Pvt. Ltd. Hackathon:** Led a team in full-stack web development and secured the runners-up position in a national-level hackathon.
- **Event Organizer – Medha Quiz, Lakshya-2K24:** Organized the flagship Medha Quiz and national-level quiz competitions ensuring maximum participation and smooth execution.
- **Student Coordinator – Internal Hackathon (HACKIT-2K24):** Managed logistics, technical setup, and participant coordination during the internal hackathon event.
- **Class Representative (CR) – B.Tech Information Technology:** Acted as a liaison between students and faculty to represent student concerns and maintain academic discipline.
- **Founder & Content Creator – KNBC Ramesh Blog:** Created and manage knbcramesh.blogspot.com, providing class notes, syllabus, and previous question papers to 65,000+ IT/CSE students across College.

### Co-Curricular & Community Engagement

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- **NSS Volunteer:** Participated in social service initiatives, awareness drives, and community development activities, demonstrating leadership and a strong sense of social responsibility.
- **Technology Workshop Participant:** Attended multiple inter-college technical workshops to enhance hands-on skills, stay updated with industry trends, and expand technical knowledge.

### Certifications

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- **AI Associate Certification** – Salesforce
- **Programming Essentials in C++**, **Cybersecurity Certificate Course**, and **Cybersecurity Essentials** – Cisco Networking Academy
- **Professional Communication Skills** – Rochester Institute of Technology(RIT)
- **Python (Basic) and Problem Solving Certification** – HackerRank
- **Web Design (My Website Project)** – GUVI Skill-A-Thon (MyAPSSDC)