

RAMYA DATTAARAJ JOSHI

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PROFESSIONAL SUMMARY

Skilled in Artificial Intelligence, Machine Learning, Python, Java, and SQL with leadership in technical clubs and placement activities; eager to apply problem-solving to real-world projects.

EDUCATION

Visvesvaraya Technological University, Belagavi <i>Bachelor of Technology, Computer Science and Business Systems - CGPA - 8.44</i>	2022 - 2026 <i>Karnataka</i>
Alva's Pre-University College, Moodubidire <i>PUC I & II - Percentage - 87.5%</i>	2020-2022 <i>Karnataka</i>

PROJECTS

AI-Powered Real Time Object Detection 🔗 YOLOv5 framework	February 2025
• About Project: Engineered a deep learning pipeline using YOLOv5 to detect and classify objects in video streams with high accuracy and efficiency.	
Smart Home Automation System 🔗 YOLOv5 framework	March 2025
• About Project: Designed and implemented an automation system integrating YOLO object detection to monitor and control appliances in real time.	

WORK EXPERIENCE

Shreshta IT Technologies Pvt. Ltd 🔗 <i>Data Science Intern</i>	July 2025 - Present <i>On-Site</i>
• About the role: <ul style="list-style-type: none">Analyzed and preprocessed large datasets, applying visualization techniques to extract actionable business insights.Applied machine learning algorithms to solve practical challenges, increasing model accuracy and performance.Collaborated with cross-functional teams to deliver data-driven solutions within strict deadlines.	
KodNest Technologies Pvt. Ltd 🔗 <i>Software Development Intern</i>	June 2025 - Present <i>Virtual</i>
• About the role: <ul style="list-style-type: none">Selected for KodNest CSR 2025 Software Development Internship, focused on full-stack development.Building proficiency in Java, web technologies, MySQL, and data structures through project-based learning.Engaged in technical assessments, interview preparation, demonstrating continuous skill development.	

SKILLS

Technical Skills:	Python, C, C++, HTML, Java Full-Stack Web Development, Software Development, React.
Libraries:	NumPy, Matplotlib, Pandas, Tkinter.
Tools:	VS Code, Git, GitHub.
Databases:	MySQL (Relational Database).
Relevant Coursework:	Data Structures & Algorithms, Operating Systems, Database Management System, XML.
Soft Skills:	Problem Solving, Communication Skills, Self-learning, Presentation, Adaptability.

EXTRACURRICULAR

Visvesvaraya Technological University, Belagavi 🔗	2022-2025
• Leadership Roles: <ul style="list-style-type: none">* Class Representative (2023–2025) — student coordination, conflict resolution, collaboration.* Technical Club Head — organized workshops, coding competitions, peer learning.* Placement Cell Coordinator (2025–2026) — facilitated industry interactions, student career support.* Team Leader — organized Freshers' events, debates, quizzes, music battles.	

CERTIFICATIONS

- **Certification:** C Programming - JFORK Technology Services.
- **Certification:** C++ Programming - Disha Computer Institute.
- **Certification:** Google DevFest(GDG).
- **Certification:** PythonSkrit - Karnataka Sanskrit University.
- **Certification:** Green Skills and Artificial Intelligence - edunet.
- **Certification:** Akadmia Connectus.