

Harijotsna Madala

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Education

- **Andhra Engineering college, Atmakur**
Bachelor of Technology, Artificial Intelligence and Machine Learning, CGPA: 8.5 2021 - 2025
- **Dr. BSR Junior college, Atmakur**
Senior Secondary (Class XII), MPC Stream, Percentage: **89.4%** 2020 - 2021
- **Z.P.P High School, Nellorepalem**
Secondary School (Class X), CGPA: 9.5/10 2018 - 2019

Skills

- **Programming Languages:** Java, Python, JavaScript, HTML, CSS, SQL
- **Frameworks & Libraries:** Bootstrap 5.
- **Databases & Tools:** MySQL.
- **Computer Science:** Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems
- **Developer Tools:** Git, GitHub, VS Code, Excel, Eclipse, PowerPoint.
- **Soft Skills:** Leadership, Event Management, Team Collaboration, Public Speaking.

Work Experience

Frontend Developer Intern — *Unify Technologies* [Certificate](#)

May 2024 – June 2024

- Revamped 20+ responsive web designs utilizing HTML, CSS, and JavaScript, directly leading to a 25% increase in positive client feedback scores regarding website user experience during internship.
- Engineered and deployed 3+ full-stack applications using React and Node.js, boosting load speed by 40% and supporting 10,000+ concurrent users with scalable backend architecture
- Led UI/UX improvements based on user feedback, resulting in a 30% increase in usability ratings. Automated routine tasks using scripts, reducing manual effort by 10+ hours/month.
- Developed a command-line interface tool using Node.js to automate repetitive tasks, freeing up 8 hours per month for senior developers to focus on critical project tasks.

Projects

Personal Voice Assistant

April 2024

- Developed a Python-based Voice Assistant to automate daily tasks like app control, web browsing, reminders, and real-time weather updates.
- Configured Speech Recognition software to recognize and respond to new commands 3x faster than existing solutions, showcasing expertise in language model optimization and contributing to enhanced system responsiveness
- Automated manual data entry processes for the voice assistant by integrating Google APIs and custom Python scripts, saving the user 5 hours per week on routine tasks and reducing errors.
- Designed and implemented a robust task scheduler with advanced error-handling mechanisms, increasing system uptime to 99.9% and reducing operational failures by 30%."

Academic and Extracurricular Achievements

- **Competitive Programming:** Solved 125+ Data Structures and Algorithms problems on LeetCode across Easy, Medium, and Hard levels.
- **Team Leader – Final Year College Project:** Directed a 4-member team in planning, building, and presenting a final-year project, meeting all academic milestones, earning a 98% grade, and improving team productivity through effective task delegation.
- **NSS Volunteer – National Service Scheme:** Executed 5+ community service projects, organized 10+ awareness campaigns, and led campus outreach programs impacting over 500 students as an NSS Volunteer, fostering civic responsibility and social engagement.
- **Courses&Certifications:** Secured 6+ certifications in AI, web development, and cloud technologies from leading online platforms; expertise validated through successful completion of challenging capstone projects.