

# RASHMI THIMMARAJU

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GitHub: <https://github.com/rashmiraju14>

EDUCATION	Master in Artificial Intelligence	GPA: [3.7/4.0]	Expected December 2026
CAREER SUMMARY	B.tech-Computer science engineering	GPA: [3.1/4.0]	Graduated May 2023

AI and software development enthusiast with experience in machine learning, NLP, and full-stack projects. Skilled in building scalable AI solutions and real-time applications. Interested in roles that drive innovation and impact in tech. Seeking Summer 2026 internships and full-time opportunities in AI/ML, data science, or software engineering.

## AI & Software Engineering Experience

Reality AI Lab (Open Source Contributor - Gen AI Developer)	Newyork ,USA	Feb – present
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- Contributed to open-source AI projects, specializing in Generative AI.
- Developed and optimized Python-based AI agents with integrated authentication and security protocols.
- Built and deployed scalable REST APIs and DBMS solutions.
- Implemented LLM-driven automation and AI decision-making for real-world applications.
- Enhanced AI workflows and cloud deployments using AWS, Kubernetes, and Docker.
- Collaborated across teams to improve AI pipelines and ML model performance

CSG   Full Stack Software Developer	Bangalore, India	Feb 23 – Nov 2024
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- Developed large-scale government systems with 99.9% uptime, handling 1M+ transactions daily.
- Automated deployments, cutting manual effort by 50%. Optimized database queries, reducing execution time by 40% and boosting efficiency by 15%.
- Strengthened security and improved system scalability.Spearheaded cross-functional collaborations to optimize backend services for seamless user experience.
- Conducted code reviews and mentoring, improving code quality and knowledge sharing within the team.

CSG (Center for smart Governance) Intern,

- Gained hands-on experience as an intern at CSG, excelling in problem-solving and consistently delivering high-quality solutions. Took initiative to solve complex tasks, optimizing system performance and enhancing security.
- Worked with Python, SQL, and cloud technologies, automating deployments and improving database efficiency. Proved adaptability and technical expertise in handling large-scale systems and critical challenges.

## PROJECTS AND PUBLICATIONS

- IoTML-Based Food Freshness Detection System

Rashmi Thimmaraju

<https://ieeexplore.ieee.org/document/101012032>

Cited in: <https://www.semanticscholar.org/paper/An-IOTML-Based-Food-Freshness-Detection-System-Rashmi-Navyashree/8c695c8b5d68ebe27bf0828b586edf9638279a23>

Semantic Scholar Citation

- An AI-Based Predictive Framework for Early Detection of Chronic Health Conditions Using Patient Lifestyle and Behavioral Data – Abstract and Poster Presentation.
- DHL Web Application (Real-Time System)
- Car Rental System (Java Mini Project)
- IoT-ML-Based Food Freshness Detection System (Web & Android)
- CSG Government Projects (DITE, KPSC)
- A Machine Learning Framework for Predicting Wildfire Spread
- DISEASE DIAGNOSIS USING SYMPTOM CHECKER(WEB APP VERSION)

## SKILLS

- Programming Languages: Python, C++, Java, JavaScript, SQL, c,c#.net,DBMS,SQL,HTML/CSS.
- AI/ML Frameworks: TensorFlow, PyTorch, google-colabs
- Big Data Cloud: Apache Spark, Hadoop, AWS ,Azure AI
- Web Mobile Development: React.js, Node.js, Flask, FastAPI, Android
- DevOps Tools: Docker, Kubernetes, Git, CI/CD (Jenkins, GitHub Actions)

## CERTIFICATIONS AND LEADERSHIP

- Google GSoc 2025 - NUMFOCUS Contributor
- Microsoft Certified: Azure Fundamentals Active Contributor to FreeCodeCamp & Google Developer Groups
- Full stack developer-IIHT
- AI Research Contributor - Published abstract and research papers on AI-driven solutions and machine learning applications.