

RASHMIKA NATTAM

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EDUCATION

University of Illinois at Chicago	May 2025
Master of Science in Computer Science	GPA: 4.0/4.0
Gayatri Vidya Parishad College of Engineering (Autonomous)	Apr 2023
Bachelor of Technology in Computer Science and Engineering	GPA: 3.56/4.0

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C, C++, Javascript
Web Technologies & Databases: HTML, CSS, Angular, ReactJs, Tailwind CSS, WordPress, MySQL, MongoDB, SQLite, Swagger
Tools & Platforms: Google Workspace (Docs, Sheets, Slides), Docker, GCP
Machine Learning: TensorFlow, NLTK, Scikit-learn, Data Visualization
Technologies & Framework: Git, Figma, .NET, PowerBI

EXPERIENCE

Connex AI LLC	Remote
Jr. Python Developer	Present
<ul style="list-style-type: none">Built RESTful APIs with FastAPI for document upload and question generation, integrating validation, exception handling, and Swagger docs.Developed frontend components in React.js and implemented database integration with MongoDB and SQLAlchemy, improving data flow and system efficiency.	
University of Illinois at Chicago	Chicago, IL
Research Intern	Present
<ul style="list-style-type: none">Applied reflexive thematic analysis and topic modeling to interviews from 21 older adults, leveraging NLP to uncover behavioral and adoption patterns.Collaborated with a 6-member team to generate recommendations improving digital engagement among older adults.	
University of Illinois at Chicago	Chicago, IL
Graduate Teaching Assistant	Aug 2024 – May 2025
<ul style="list-style-type: none">Supported instruction for CS 211: Programming Practicum and CS 480: Database Systems, assisting over 250 students across two semesters., improving student comprehension in C, C++, SQL, and API integration.Improved process efficiency by streamlining grading and query resolution, reducing turnaround time by ~20%.Analyzed recurring student queries to identify root causes and optimize instructional materials, leading to ~15% performance improvement.	
LTIMindtree	Visakhapatnam, India
Ignite Trainee Internship	Feb 2023 – May 2023
<ul style="list-style-type: none">Showcased proficiency in Java, SQL, and JavaScript through rigorous coursework, equipping with skills to architect robust software systems and implement efficient data management solutions.Ranked in the top 10% of performers for delivering innovative code solutions and demonstrating strong expertise in programming, database management, and software design.	
S.S.Engineers	Hybrid
Data Analytics Intern	Jul 2021 – Jan 2023
<ul style="list-style-type: none">Analyzed production and logistics data with Excel and Python, boosting on-time deliveries by 15% and reducing defects by 12%.Partnered cross-functionally to implement data-driven improvements, enhancing inventory accuracy and fulfillment speed.	
PROJECTS	
Chicago Traffic Visualization	Apr 2025
<ul style="list-style-type: none">Built interactive visualizations for 1.8M+ crash records using Curio, Python, and Dockerized deployment environments.Collaborated cross-functionally to implement data filtering and design interactive dashboards for public safety insights.	
Angular Weather Dashboard	Nov 2024
<ul style="list-style-type: none">Developed an Angular weather dashboard integrating OpenWeatherMap API to display real-time weather data.Enhanced usability with responsive design and state management for recent search history..	
Impact of COVID-19 on Illinois's Small Businesses	Apr 2024
<ul style="list-style-type: none">Spearheaded analysis and visualization of over 150,000 loan approval records using Python and data analysis libraries.Developed machine learning models with 70% accuracy to predict loan approval outcomes, enhancing risk management strategies.	