

# HETHU SRI NADIPUDI

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## EDUCATION

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**Master of Engineering in Computer Science**  
University of Cincinnati

Expected April 2026  
CGPA: 3.87/4.00

**Bachelor of Technology in Computer Science and Engineering**  
Koneru Lakshmaiah Education Foundation

2018-2022  
CGPA: 9.27/10.00

## EXPERIENCE

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**Software Development Engineer**  
Agile Solutions

May 2022 - August 2024  
Bangalore, India

- Worked as a full stack developer on product development of the Tax Intelligence and Management Platform web application.
- Developed end-to-end solutions using SAP HANA, SAP Web IDE, SAP Cloud Platform, and on-premise XSA, with expertise in SAP UI5 and asynchronous programming.
- Led a quality assurance team where I ensured that the overall codebase met the organization's quality and security standards.

**Intern Developer**  
Agile Solutions

May 2021 - April 2022  
Bangalore, India

- Resolved critical bugs, that improved product reliability and a more positive user experience.
- Implemented enhancements that increased efficiency and faster turnaround times for the web Application called Tax Intelligence and Management Platform, which is a friendly and integrated solution for complex high tax burdens.

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java, C  
**Web Development:** HTML, CSS, JavaScript, ReactJS, TypeScript, D3.js, Node.js, Django  
**UI Libraries & Tools:** ShadCN UI, Tailwind CSS  
**Web Integration:** JSON, REST APIs, XML, SOAP  
**Database Technologies:** SQL, MySQL, MongoDB, Azure SQL  
**Cloud & DevOps:** Microsoft Azure (Web Apps, Data Factory, Storage), GitHub CI/CD  
**Cybersecurity Concepts:** Risk Management, Cryptography

## PROJECTS

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### Retail Analytics Platform using Azure Cloud and Machine Learning – University of Cincinnati

- Developed an end-to-end retail analytics web platform deployed on Microsoft Azure, integrating cloud infrastructure, data pipelines, and predictive machine learning.
- Built data ingestion workflows using Azure Data Factory, Azure Storage, and Azure SQL to process and link retail datasets (households, transactions, products).
- Designed interactive dashboards and visualizations for customer demographics, seasonal trends, and product preferences using HTML, CSS, and JavaScript.

### Interactive Socioeconomic and Health Data Visualization – University of Cincinnati

- Designed an interactive web application to visualize correlations between education levels and healthcare coverage across U.S. counties.
- Implemented choropleth maps and temporal timelines using D3.js, enabling focus+context exploration, zoom, pan, and tooltips for detailed data insights.
- Preprocessed large public datasets and integrated dynamic color scaling and user-driven filtering to highlight disparities in health access.
- Deployed the project on Vercel with fully responsive design using HTML, CSS, and JavaScript.