

Manas Ayyalaraju

Mxa210130@utdallas.edu • (469) 512-5972 • [LinkedIn.com/in/manas-ayyalaraju](https://www.linkedin.com/in/manas-ayyalaraju)

EDUCATION

The University of Texas at Dallas	Bachelor of Science, Computer Information Systems	May 2026
	Overall GPA: 3.5	

EXPERIENCE

Sudur Capital – Intern; Frisco, Texas	November 2024 - Present
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- Developed an investment portal enabling investors to sign up and invest in real estate projects while allowing sponsors to showcase land development opportunities, streamlining the connection between investors and sponsors.
- Collaborated with a dynamic 7-member development team to design a highly responsive platform using Next.js, HTML5, CSS, and TypeScript, significantly enhancing user engagement, accessibility, and overall functionality.
- Engineered a robust and scalable database system with PostgreSQL, ensuring secure, efficient, and optimized data solutions for investors and sponsors, while supporting high-performance queries and reliable backups.
- Developed and implemented 20+ detailed and actionable user stories in Jira, significantly improving team workflow, enhancing collaboration, and ensuring deliverables were consistently aligned with project milestones.
- Contributed to completing the portal's Minimum Viable Product (MVP) within a challenging timeline of 3 months by streamlining development processes, meeting all project deadlines, and delivering a highly functional platform.

Maxwell IoT Technologies – Intern; Plano, Texas	April 2021 – July 2021
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- Expanded the company's product network by 20% using a mobile application.
- Acquired extensive knowledge about IoT devices and demonstrated advanced proficiency in using LoRa WAN technology to establish a robust and scalable network, ensuring efficient connectivity across devices.
- Collaborated with team to conduct IoT performance analysis, boosting device productivity by 15%
- Addressed client issues effectively, implementing strategies that enhanced customer satisfaction.
- Supported system testing and troubleshooting processes, documenting findings and communicating resolutions.
- Contributed to a 25% increase in the number of active devices by implementing innovative strategies, optimizing network performance, and enhancing overall system reliability.

PROJECTS

IBM Case Comp- Client: IBM	Fall 2024
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- Utilized Watson AI to analyze geographical data and identify food deserts, enhancing accuracy in detecting underserved areas by 25%.
- Collaborated with a team to design and implement a predictive model, improving Food access in the DFW area
- Presented comprehensive insights on food desert identification to IBM judges, showcasing data-driven strategies and innovative approaches, leading to a more impactful solution for addressing food insecurity in underserved areas.
- Integrated API data streams to improve prediction models and ensured consistent data quality.
- Delivered strategic recommendations to optimize resource allocation for local governments, increasing the potential impact on vulnerable communities.

VOLUNTEER EXPERIENCE

Self-Run Coat Drive	November 2021 – December 2021
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- Individually gathered approximately 150 coats, including hoodies, jackets, and pullovers, to support individuals in need during the winter season.
- Gained valuable insight into the significance of community service, deepening my commitment to social impact initiatives.

ADDITIONAL INFORMATION

Computer Skills: Next.js, HTML5, CSS, TypeScript, Java, JavaScript, Tableau, Python, SQL, PostgreSQL, Jira

Certifications: Microsoft Office Specialist: Excel Associate (Office 2019)

Languages: English, Kannada, Telugu, and Hindi.

Work Eligibility: Eligible to work in the U.S. with no restrictions