

# Anand Kumar Yannamaneni

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## Objective

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Innovative and detail-oriented System Design Developer with over 2 and half years of hands-on experience in Azure DevOps and ETL processing. Passionate about problem-solving and continuously learning new technologies to enhance system efficiency and performance. Seeking to leverage my expertise in cloud solutions and data integration to contribute to a dynamic team and drive impacting projects in a challenging environment.

## Education

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**University of Bridgeport**, Master's in Computer Science

April 2025

- GPA : 3.8

- **Relevant Coursework:** Algorithms, NLP and LLMs, OOPs through Design Patterns, Python

## Technologies

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**Programming Languages:** Java, Python, PyTorch, SQL, JavaScript.

**Cloud:** Azure .

**Frameworks:** .NET, Spring Boot.

**Technologies:** .NET, SSMS, eclipse, PowerBI, Hadoop.

## Experience

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**Teaching Assistant:** University Of Bridgeport – Bridgeport, CT

Sep 2024 – present

- As a teaching assistant in NLP and LLMs, I assist with lectures and labs, clarifying key concepts and guiding students through practical applications.
- I actively contribute to research in NLP and LLMs while staying up-to-date with the latest industry advancements.

**ETL Engineer(Azure Services):** Accenture – Hyderabad, India

Oct 2021 – Dec 2023

- Provided dynamic service by identifying and resolving issues within multiple components of critical business systems.
- Applied detailed requirement analysis to transform business needs into technical solutions, leveraging various scripting languages such as SQL, Python, Spark, and Spark SQL.
- Optimized Spark and Spark SQL queries, reducing query time by 70%, leading to faster big data retrieval and more efficient query execution.
- Built ETL pipelines using Azure ADF for batch processing, extracting data from the source, leveraging Spark applications for computation, transforming the data, and loading it into the Enterprise Data Warehouse.
- Experienced in implementing Azure services such as Azure Active Directory (AD), Azure Storage, Azure Cloud Services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VMs, and SQL Databases.
- Hands-on experience with Hadoop YARN, Power BI apps, Power Automation, Master Data Services, QlikView, and Angular.

## Certifications

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Completed Azure Administrator Associate.AZ-104

Completed Azure Fundamentals By Microsoft.AZ-900

## Projects

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### LoRA Home Automation

- Developed an electronic Home automation tool which can be operated by long distance range using LoRa module and Arduino components.
- I provided a high-level overview of the project and mentored my peers to enhance their understanding and knowledge of it.
- I led a team of 4,I developed code for application and successfully guided the team to complete the project.