

Ghouse Shahe Meera Ziddi Mohammad

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EDUCATION

Master of Engineering | University of Cincinnati

AUGUST 2023 – APRIL 2025

Computer Engineering in Data Science track

CGPA: 3.83

Coursework: Advanced Algorithms, Deep Learning, Cloud Computing, Probability and Statistics

Bachelor of Technology | K L Deemed to be University

JUNE 2017 – MAY 2021

Electronics and Communication Engineering

CGPA: 3.41

EXPERIENCE

Full Stack Engineering Analyst | Accenture | Hyderabad, India

AUGUST 2021 – AUGUST 2023

- Created a persona-based capital project management system, increasing project operational effectiveness within the procurement and construction execution workflows.
- Integrated AI based ticket remediation for KPI monitoring, improving the issue detection and resolution by 26%.
- Streamlined ETL Pipelines with C#, automating processes and eliminating three major sources of manual intervention and errors.
- Designed and deployed over 130 REST APIs via Node.js, Express.js to support trade risk management, planning and optimization, while improving operational efficiency, and reducing manual errors.
- Incorporated crude price, tracking and market news into the web application via Scheduler jobs, facilitating real-time insights for improved supply and trade assessments.
- Optimized production planning and feedstock selection developing RESTful APIs to handle annual, monthly and daily planning data, saving \$35 million every year.
- Handled real-time shipment data using Redux, improving data update speed by 23%.
- Incorporated engaging KPI dashboards for real-time business insights, providing real-time insights.
- Maintained faster rendering and reduced load times by 18% through implementation of lazy loading and asynchronous data fetching techniques.
- Guided, provided technical mentorship to peers, maximizing productivity and led the team in absence of leads.

Software Engineer Intern | Effttronic Pvt. Ltd. | Vijayawada, India

JUNE 2019 – FEBRUARY 2020

- Developed modular and reusable react components, decreasing code duplicity by 28%.
- Integrated interactive and interactive PowerBI reports, allowing stakeholders to make data-driven decisions.
- Improved Data Retrieval by incorporating GraphQL, reducing response time by 12% and preventing over-fetching of data.

Student Intern | Airports Authority of India | Vijayawada, India

MAY 2019 – MAY 2019

PROJECTS

Bard Tales – Story Narration Web Application

- Built a system that converts written stories into audio with emotionally aligned music, leveraging AWS Polly, prompt engineering, and MusicGen generative AI (Winner at 24-hour Hackathon at UC)

Personal Portfolio

- Developed a personal portfolio using React, CSS, and React-Bootstrap to highlight my profile, hosted on GitHub Pages.

SKILLS

Backend

.NET, C#, Node.js, Express.js, Microservices, Python, Flask

Frontend

JavaScript, TypeScript, ReactJS, CSS, HTML

Data/Database

SQL, MySQL, NoSQL, Data Warehouse, Azure Synapse, Data Factory, Cosmos DB, JSON, XML

Cloud

Microsoft Azure, Amazon Web Services (AWS)

DevOps – CI/CD

Azure DevOps, Kubernetes, Azure App Services

Tools/Version Control

Git, GitHub, Visual Studio, VS Code, Postman, PowerBI, SOAP UI, Agile, SonarQube, SSIS, SSMS

Testing

Mocha-chai, Sinon, NUnit, Jest

AWARDS AND CERTIFICATIONS

- Best use of Generative AI/Best Product Market fit Winner (February 2024) – UC Hackathon
- Employee of the Month (May 2023) – Accenture
- Accenture Technology Analyst - Team Challenge Winner (December 2021) - Accenture
- Microsoft Azure Fundamentals (December 2021) – Accenture