

Grahitha Eda

+1 (862)-501-2501 | grahitha.eda@gmail.com | Newark, NJ | LinkedIn

WORK EXPERIENCE

Systems Engineer

Aug. 2022 – Dec. 2023

Tata Consultancy Services (TCS)

Hyderabad, India

- Worked on a **GCP cloud migration design initiative** for **C&S Wholesale Grocers**, collecting, consolidating, and validating **100+ application inventory records** from multiple sources in collaboration with client stakeholders to support migration readiness.
- Analyzed and documented **network dependencies, firewall rules, and port configurations**, supporting secure connectivity planning and system integration during cloud migration.
- As part of the **Apple Database Support Team**, handled **30+ production support tickets**, monitored queues, routed issues to appropriate teams, and supported **operational monitoring** to maintain system availability.
- Performed **database maintenance and troubleshooting** across multiple production systems, supporting **stable operations and minimizing service disruption** in live environments.

Software Engineer Intern

Mar. 2022 – May. 2022

Cognizant Technology Solutions

Hyderabad, India

- Gained hands-on experience with **Java, SQL, Hadoop, and Spark** by supporting and modifying **multiple data processing workflows** in a distributed environment.
- Assisted in running and validating **distributed batch jobs** processing **large-scale datasets**, gaining exposure to **enterprise data pipelines and system integration**.
- Participated in an **Agile development cycle**, contributing to feature discussions, testing, and validation of data workflows.

.NET Full-Stack Intern

Sep. 2021 – Feb. 2022

Technovert

Hyderabad, India

- Contributed to the development of an enterprise-level banking web application using **C#** and **.NET** frameworks.
- Designed responsive front-end interfaces and integrated backend services to deliver end-to-end functionality.
- Worked with relational databases to support data persistence, validation, and secure transaction workflows.

PROJECTS

Preventive Health Education (PHE) Platform — Capstone Project

Sep. 2025 – Dec. 2025

Be The Cause — Backend & Database Developer

- Developed an **industry-sponsored platform** with **enterprise-style workflows** supporting structured learning modules, assessments, and user progress tracking.
- Designed and implemented the **backend architecture** using **Laravel and MariaDB**, building **API-based endpoints** for authentication, content delivery, quiz workflows, and **role-based access control**.
- Designed **normalized MariaDB schemas for 10+ core entities** and implemented core business logic including **pre-quiz/post-quiz evaluation**, gamification (stars, badges, habit streaks), and personalized insights.
- Ensured backend reliability through **unit, functional, and page-level testing**, and collaborated in an **Agile team** to maintain API contracts and technical documentation.

Sentiment Analysis of Amazon Product Reviews

NLP, Deep Learning

- Developed a **DNN-based sentiment analysis system** to classify Amazon product reviews into **five sentiment categories**, addressing noisy text, variable review lengths, and class imbalance.
- Applied **deep learning techniques** including BERT for contextual understanding, Autoencoders for feature extraction, and GAN-based methods for handling class imbalance, and evaluated performance using standard NLP metrics.

EDUCATION

New Jersey Institute of Technology GPA: 3.8/4.0

Jan. 2024 – Dec. 2025

Master of Science in Computer Science

New Jersey, USA

- **Relevant Coursework:** Data Structures & Algorithms, Advanced Database Systems, Big Data Analytics, Machine Learning, Operating Systems, Artificial Intelligence, Internet and Higher Layer Protocols

TECHNICAL SKILLS

Programming Languages: Python, PHP, Java, SQL, **C# (basic)**, C++, R, JavaScript

Backend & Web Development: Laravel, Django, REST APIs, MVC Architecture, System Integration

Databases: MariaDB, MySQL, Oracle SQL, PL/SQL, Relational Database Design, Schema Normalization

Data Handling & Analysis: Data Preprocessing, Exploratory Data Analysis (EDA), Text Processing for NLP

Tools & Platforms: Git, JIRA, Linux, VS Code, PhpStorm

Testing & Practices: Unit Testing, Functional Testing, API Testing, Agile/Scrum