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| Shravya Aedunuri |

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# Profile

Focused individual with experience in testing software, diagnosing issues, and documenting program development. A confident Programmer Analyst with exemplary math, analysis and troubleshooting skills.

# Experience

## Programmer Analyst | Cognizant Technology Solutions, Bengaluru, India | August 2021 - August 2022

* **Skills and Tools:** Informatica, SQL, Git, Teradata, Unix, ETL.
* Involved in managing data and worked on data integration and manipulation using SQL and Informatica for Apple Master Opportunity Project.
* Performed regression and system-level testing to verify software quality prior to release.
* Designed and delivered various incidents and ideas on time, fixed bugs, automation for multiple as per business requirements.
* Worked closely with clients to establish specifications and system designs.

## Intern | Cognizant Technology Solutions, Hyderabad, India | May 2021- July 2021

* **Skills:** Java, SQL, PL/SQL, HTML, JavaScript.
* Engaged in a Live Project where I gained in-depth understanding of the principles of the software development life cycle as well as java, SQL, and front-end technologies.
* **Cohort Leader:** As a Cohort Leader, I worked with other interns to develop database management tools and clean code practices for the project.

# Education

## Master of Science in Computer Science | August 2022 - May 2024 | California State University, DH

* **Relevant Courses:** Software Engineering, Database Design, Data Analytics
* **Professional Development:** As a Toro Learning and Testing Centre Supplemental Instruction Leader, I instructed and supported bachelor's level mathematics students, assisting professors and managing classes of 35-40 students, resulting in improved comprehension and academic success through clear, effective communication and organizational skills.

## Bachelor of Technology in Electrical and Electronics Engineering | July 2017 - July 2021 | Jawaharlal Nehru Technological University, Hyderabad

# Skills

* **Languages:** Java, C, Python, SQL, Matlab, HTML, CSS, Java Script, SDLC.
* **Tools and Technologies:** Teradata, SQL, Oracle, Git, Reinforcement Learning, Excel.
* **Strengths:** Problem Solving, Leadership, Analytical Skills, Time Management, Strong Team Player, Critical Thinking.

# Projects

**Prize-Collecting Traveling Salesman Problem: a Reinforcement Learning Approach**

* Implemented a state representation system, translating cities and their respective prizes into a reinforcement learning environment, allowing an agent to navigate and make decisions based on its current state.
* Utilized Q-learning or Deep Q-Networks (DQN) reinforcement learning algorithms to train the agent, enabling it to learn optimal policies for route selection while maximizing prize collection and minimizing travel costs.

**Power Quality Enhancement in Distribution System with Hybrid Power Filter**

* Implemented a Hybrid Power Filter solution to enhance power quality in distribution systems, effectively mitigating voltage, and current distortions.

**Activities and Interests**

**UNICEF:** As an active participant, I've advocated for children's well-being and championed the implementation of family-friendly policies to support early childhood development.