Neelima Cirimavilla
Denton TX • (940) 629-9016 • neelimacirimavilla@my.unt.edu • https://www.linkedin.com/in/neelima-cirimavilla

Education

Master of Science in Computer Sciences	*Aug 2023-Expected(May 2025)*
University of North Texas, Denton TX	4/4
B.Tech in Information Technology	*Aug 2013 - Apr 2017*
R.M.D Engineering College	3.5/4

Skills & Expertise

Languages:	C, C++, Python, Java, XML, HTML
Libraries:	NumPy, Pandas, Matplotlib, TensorFlow, PyTorch
Databases:	MySQL, PostgreSQL, Oracle 9i, SQL Server, Snowflake, ETL
Tools:	Github, Tableau, MS Excel, Anaconda, Power BI, IntelliJ, Visual Studio Code, Android Studio, Heroku Streamlit, IntelliJ, Amazon S3, Splunk, Postman, Google Colab, JIRA, Tortoise SVN, PERL WinSCP, JIRA
Others:	Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Hadoop
Certifications:	AWS Certified Data Engineer Associate

Employment Experience

University of North Texas

Instructional Assistant   *Sep 2024-Current*

- Collaborated with the professor in designing project scopes and objectives. Helped the professor prepare and deliver lectures on design patterns, testing strategies and project management tools.
- Helped students in understanding agile framework like sprint planning, stand ups, code review,

Accenture Solutions Pvt Ltd, Chennai, India

Application Development Senior Analyst   *Aug 2021 – Aug 2023*

- Been in charge of collecting, cleaning, and transforming large datasets from multiple resources to ensure data accuracy and consistency for analysis
- Developed and maintained SQL queries and automated data pipelines to streamline data retrieval allowing the team to access the updated data quickly and reducing the manual data processing
- Developed automated scripts in python and executed several test cases
- Built interactive dashboards and reports using tableau to visualize complex data
- Used statistical methods such as regression analysis, hypothesis testing to identify patterns and understand relationships within the data

Infosys Technologies Pvt Ltd, Hyderabad, India

Technology Analyst   *Feb 2018 – Aug 2021*

- Gathering business analyst stories, analyzing requirements, and producing design documents, support documents, and flowcharts for all the phases of process's implementation.
- **Javascript** was created in the OT Integration Center to map and migrate Documentum metadata to the OpenText platform via OpenText Content Server. Oversaw the UI development team to accomplish transparent database column mapping and design.
- Developed scripts to start and stop the production **EAR files**, services, and adapters, as well as to deploy and uninstall them. worked on integration, functionality, to make sure that application performance levels are met, system and performance tests are conducted.
- Designed and developed **RESTful APIs** to enable seamless data exchange between the applications. Integrated the APIs with databases and back end services
- completing code reviews with the team, submitting pull requests to **Github**, and assessing pull requests made by team members in order to deliver on time.
- Deploying the code to **production** environment. Follow up with the team to maintain code quality. Developing automated scripts in **postman**
- Managed and tracked the project progress in **JIRA** ensuring visibility and transparency of project timelines to all the team members. Created user stories for each sprint and assigned to the team
- Followed **agile framework**, being as a scrum master following up with the team. Leading the scrum calls and executing all the activities that has to be done in the scrum

Infosys Technologies Pvt Ltd, Hyderabad, India

System Engineer Intern   *Jan 2017 - Apr 2017*

- Constructed a Webpage "Vehicle Showroom Management System" in C# utilizing MVC and web services. The application was intended to maintain vehicle information and allow users to easily access it.
- Built a Website "Food Orders" devised using TIBCO BW software employing XSLT Schema as a structure for the web page, JAVA for retrieving various captcha codes on the webpage for each login session and SQL to retrieve restaurant information.

Projects

Kidney Tumour Prediction | University of North Texas   *Oct 2023*

- Developed a highly precise kidney tumour prediction model with an AUC of ~95%. It works by uploading the image of the CT scan and a CNN model is developed which predicts whether the image has a tumour or not. A web application is developed for thus deployed on stream lit providing easy access to check the likelihood of kidney tumours for individuals.

Stock Market Analysis | University of North Texas   *Dec 2023*

- Developed this project on the utilization of advanced time series prediction techniques to elevate stock market analysis. Used ARIMA and LSTM models to train the data, such that it predicts the future stocks which helps the investors to choose wisely.
- Developed a user-friendly website and deployed it on **Heroku**.

Care first BlueCross Blue Sheild | Accenture/Infosys   *Jan 2021 – Aug 2023*

It is **a health insurance provider company** which covers medical, dental and vision needs for individuals, families and businesses

- I worked on enhancements of the Pharmacy Benefit Management which is an intermediate application that actually maintains the synchronization between Carefirst and CVS.
- I have also worked on generating the claim reports and was involved in gathering and implementing business requirement.

Leadership

Led a team at Accenture, offering mentorship and support to new employees, and parallelly executed the activities provided by the business team

Being a Scrum Master, driven all scrum related calls within the team and given demos across all the teams at the end of each Sprint. Have been a star of the month in Accenture multiple times during the tenure of 1.5 years.

Received best employee recognition from Care First clients.