

NISHITHA NANCY LIMA

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EDUCATION

Master of Science, Data and Knowledge Engineering, Otto-von Guericke University, Magdeburg, Germany **October 2019 - Present**

Bachelor of Engineering, Information Science & Engineering, Bangalore University, India **September 2012 - May 2016**

TECHNICAL SKILLS

Core Programming Languages: C# .Net (MVC), Python, Java

Data Science Libraries: NumPy, Pandas, TensorFlow

Backend Technologies: Spring, NodeJS, Flask

Frontend Technologies: JavaScript: Angular9 – chart.js, jQuery, d3.js, HTML, CSS3, Bootstrap,

Database Technologies: MySQL, Oracle SQL, SQLite

Build/Deployment Technologies: Maven, Apache Tomcat

Other: Git, Version Control, Web Scraping, Jira

PROJECTS

Talk to Me – Summarization and Data Vocalization (October 2020 – February 2021)

- Generated **Datasets** for **SQL** Tables using Python and associated libraries **NumPy, Panda**.
- Developed Services using **Flask Framework** and built an interactive spoken system using which vocal interaction with database is done.
- Collaborated with three other students to plan, design and present the project in a well-versed agile environment with sprint planning, review and retrospective. Gained expertise in GitHub.

Nexeed Portal – BCI (Jan 2019 – July 2019)

- Developed a framework for adaptation of multiple databases such as **SQL, Oracle DB** and **SQLite** using **EF6, C#.Net** and **LINQ Queries**.

Digital Press and Information Control System - DiPICS (August 2017 – October 2018)

- Developed and tested a responsive Andon for manufacturing lines and configuration screens for Hierarchy, Shifts and Calendars using **C#.Net, JavaScript, Html5** and **CSS3**.
- Developed services backed by REST APIs and written queries/ stored procedures in SQL.
- Scaled the application with content caching mechanism and enhanced UI wireframes for improved data visualization.

PROFESSIONAL EXPERIENCE

Software Engineer – Robert Bosch Engineering Solutions, Bangalore, India

August 2016 - July 2019

- Involved in design, development, testing of reports generated from live data of production line developed using **C#.Net & SQL**. This platform is used by plant workers to detect and understand the flow of manufacturing lines.
- Followed agile methodology: interacted with customers to gather business requirements, designed implementation plan, implemented enhancements, diagnosed and fixed bugs for various modules and deployed installers in manufacturing lines.
- Better understanding of Industrial work flow.
- Technologies used: **C#.Net, ASP.Net, MVC, SQL, JavaScript, Html5, CSS3/SCSS**.
- Platform Used: **Visual Studio, Microsoft SQL**

Work Student – 3DQR, Magdeburg

August 2020 – March 2021

- Involved in design, development, testing of 3DQR web page using **Angular** framework. Integrated Google Analytics in angular to analyze time-based reports.
- Worked in the environment which deals with flat hierarchies and start-up spirit.

Technologies used: **Angular 9, Google Analytics**.

Platform Used: **WebStorm, Postman**

LANGUAGES

German – Elementary Proficiency, English – Secondary Proficiency