NITHIN SHASTRY

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EDUCATION

Indiana University Bloomington, Indiana, USA   **August 2022 - May 2024**
Master of Science, Computer Science   **GPA: 3.9**
Siddaganga Institute of Technology, Tumkur, India   **August 2015 - May 2019**
Bachelor of Engineering, Information Science and Engineering   **CGPA: 8.75**

Skills

Languages: C#, C++, Python, Java
ML Frameworks: Tensorflow, OpenCV, Scikit-learn
Tools: Visual Studio, VS Code, TFS, Git, Resharper, Excel
Software Design: Object-oriented design, Agile development
Low-code software platform: Mendix

WORK EXPERIENCE

Siemens Technology and Services Pvt. Ltd., *Software Developer*   **July 2019 – April 2022**

TIA Portal Add-ins, Version Control Interface (VCI)

Technologies Used: C#, C++, ReSharper, NUnit, XML, WinForms
- Solved customer requests (RQs), analyzed and rectified bugs in the product.
- Developed new features, tested the implementation at different levels of testing (unit, integration and UI tests) using Siemens test automation tools.
- Explored possible solutions to customer requirements through Proof of concepts (PoCs), documented outcomes of PoCs.
- Analyzed and resolved coverity issues, code violations and decreased issues in the product code by 4%.

TIA Portal Add-Ins Store   **October 2021**

Technologies Used: Mendix, Postgresql
- Developed low code web based application (individual project based on Mendix learning) which enables Siemens internal customers to download add-ins from add-ins store
- Add-Ins store administrators can have access to perform CRUD operations in the application.

PROJECTS

Gender detection by facial recognition using Artificial Intelligence

Technologies Used: Python, Neural network, Tensorflow, Tkinter, Deep Learning
- Utilized ImageNet dataset and used Inception V3 model for training the dataset.
- Achieved classification of the test dataset of the images and correct prediction of different examples.
- Published article titled "Gender recognition from face images using Tensorflow" in IJARBEST journal (2018).

Advocate Database Management (Project link)

Technologies Used: CSS, HTML, JavaScript, Angular 4, Typescript, MySQL, Express.js
- Designed a full stack web application to maintain records, list of cases that an advocate works on.
- Used Angular 4 for frontend design, MySQL for database and Express.js as middleware.

Euro One HR Dashboard - Data visualization using Google Data Studio (Project Link)

Technologies Used: Google Data Studio
- Analyzed the data which contained 8048 orders of customers with 17 different fields.
- Visualized the data using Google Data Studio and designed an interactive dashboard for the analyzed data.

CO-CURRICULAR ACTIVITIES

Siemens Bangalore Toastmasters Club
- Served as Associate Sergeant at Arms (SAA), Associate Treasurer in the club.
- Completed Level 2 under Innovative Planning pathways.

Heartfulness Meditation
- Volunteered and attended the inauguration of the world's largest meditation center in Hyderabad, India.
- Conducted Heartfulness relaxation sessions at various events.

Equity/Options trader
- Intraday trader and swing trader, I can perform technical analysis on stocks.