

SURAJ ALAMONI

264 John Tabor Trail, Scarborough, ON | 647-613-4939
Surajalamoni@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

TECHNICAL SKILLS

Programming: Python, Pandas, NumPy, Scikit-learn, TensorFlow, NLTK, OpenCV, Matplotlib, Seaborn, Streamlit, C, C++, Java - J2SE, J2EE, Spring & Hibernate

Machine Learning: Regression, Classification, Decision Trees – XGBoost, Random Forest, Clustering-Kmeans

Deep Learning: CNN, LSTM, GRU, GAN, Computer Vision, NLP, BERT, Time-series

Web Technologies: HTML5, CSS3, JavaScript-React, Next, Ionic, React Native, Angular.

SAP Technologies: SAP Business Intelligence, SAP ABAP, SAP HANA

Tools: SAP GUI 7.5, Hana Studio, VisualStudio.NET 2010, Power BI, SSIS, SSAS, SSRS, Jira, PyTest, GIT, Jenkins, Agile/Scrum, Unified Process, UML, Eclipse, PyCharm, Jupyter, Anaconda, Excel.

Database: SQL, DBMS, MYSQL, MSSQL SERVER 2016, 2017, Postgre, Oracle, MongoDB.

EDUCATION

Artificial Intelligence and Machine Learning

Sep 2021 - May 2023

Lambton College, Toronto, ON

- Data Science and Machine Learning, Python Programming, Introduction to Artificial Intelligence, Big Data Fundamentals, Visualization for AI and ML, Advanced Python AI and ML Tools, Natural Language Processing, Data Mining and Analysis, Neural Networks and Deep Learning, Social Media Analytics

Bachelor of Technology – Computer Science Engineering

Sep 2013 - June 2017

Vignan's institute of Technology & Aeronautical Engineering, Hyderabad, India.

ACADEMIC PROJECTS

Handwritten Text Recognition

Environment: Python, TensorFlow, Jupyter, Anaconda, GitHub

- Aggregated Data from two different sources IAM & GNHK for more generalization of the model.
- Validated Data using Pre-trained Models.
- Achieved 68% accuracy by using a CNN-LSTM + CTC layer architecture.
- URL: [Git Hub](#)

Image Cartoonizer

Environment: Python, OpenCV, GitHub, Streamlit

- Applied image filtering techniques for edge detection, masking and blurring the image using OPENCV.
- Integrated CI/CD of code from GitHub to Streamlit for easy testing.
- Deployed the application on Streamlit to upload and save the modified images.
- URL: [Live Demo](#)

WORK EXPERIENCE

Fresh Associate

Oct 2021- till date

Walmart Supercenter, Ontario, Canada

- Quickly & accurately answer customer questions with full knowledge of features and benefits of products.
- Provide exceptional sales and customer service levels maintaining a high-rating on-quality monitoring tests.
- Promote products by consulting, gathering information, and evaluating customer needs
- Resolve customer concerns immediately and effectively.

SAP Business Intelligence Developer

Feb 2019 – Oct 2020

Accenture

- Created SAP Business Intelligence graphical and visualization solutions by analyzing business requirements and building interactive dashboards.
- Experience in implementing and troubleshooting queries using Bex Analyzer, Bex Web Analyzer, Bex Web Application Designer, Bex Report Designer.
- Created interactive dashboards in SAP BI reports that were presented to Business users, Program managers and End users.
- Implemented and Developed the Info Areas, Info Objects, Info providers like Info Cubes, DSOs, MultiProviders, Queries etc.

SQL Developer

Mar 2018 - Sep 2018

MAQ Software

- Implementation of SQL Logins, Roles, and Authentication Modes as a part of Security Policies for various categories of users.
- Worked extensively in Query Optimization and Performance Tuning using tools SQL Profiler, Index Tuning Wizard, and database Engine Tuning Advisor.
- Expertise in Extraction, Transforming, and Loading data using SSIS by establishing mappings and workflows to extract data from SQL Server, Excel files, other databases, flat file sources and load into various business entities.
- Worked in creating Jobs, Alerts, SQL Mail Agent and scheduled DTS/SSIS Packages.

ACHIEVEMENTS

- Coordinated as well as participated and Certified in Workshop of “CYBER SECURITY” Organized by Azure Skynet Solutions (P) Ltd. In association with ELAN – IIT HYDERABAD, India.
- Certificate of participation for Industry Certification in Java Stack by TalentSprint, Hyderabad.
- Certificate of completion for completing Spring & Hibernate course from Global Edx, Hyderabad.