

# NAREN SURAMPUDI

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## EDUCATION

### Georgia Institute of Technology

MS Computer Science

OMSCS

Jan 2022 - May 2024

### Birla Institute of Technology & Science, Pilani

BE Electronics & Communications Engineering

India

Aug 2016 - May 2020

## WORK EXPERIENCE

### HSBC

*Data Scientist*

Pune

Aug 2023 - Present

- Designed frameworks for WPB SSP that efficiently drive \$100mil+ global budget annually and improve service resilience
- Built new fully automated reporting pipelines for WPB SSP, reducing time to reporting by 80%
- Implemented new data maintenance tooling, empowering data owners to actively maintain data, reducing data maintenance effort by 70%
- Leading multiple data workstreams and managing senior stakeholders which drive critical business decisions
- Pioneered the usage of advanced data practices across teams, reducing data process and reporting times by 25%
- Mentored new graduates with hand-on guidance on data analysis tools, increasing productivity by 30%

### HSBC

*Software Engineer (Data & Machine Learning)*

Pune

May 2022 - Jul 2023

- Worked on a Self-service Analytics platform offering multiple advanced analytics options in a condensed form, increasing adoption of advanced analytics in teams by 60%
- Briefly collaborated with the Wholesale Payments team to explore and build new machine learning usecases

### HSBC

*Software Engineer (Data & Machine Learning)*

Pune

Sep 2020 - May 2022

- Prototyped an outage forecasting pipeline, reducing outages in teams by 30%
- Designed a change risk prediction pipeline reducing failed changes and downtime in teams by 40%

### Reflexis Systems

*Data Science Intern*

Pune

Jul 2019 - Dec 2019

- Prototyped a new NLP usecase for improving retail campaigning efficiency which was showcased to executive stakeholders
- Aided in development of deep learning models for aiding in better workforce management

## SKILLS

Tools/Frameworks: Python, SQL, PowerBI, Dagster, Tensorflow, Sklearn, Streamlit

Technologies: Machine Learning, Deep Learning, NLP, Analytics, Data Mining, Information Retrieval

## PUBLICATIONS

### Web Based Application for Quick and Handy Health Condition Monitoring System for a Reliable Wind Power Generation

ASME 2021

Focuses on the identification of faults in wind turbines, aiming to identify them in the early stages to reduce both maintenance times and costs

### Enhanced Feature Extraction Approaches for Detection of Sound Events

IEEE 2020

Focuses on analyzing and extracting audio features to predict the type of event that might have taken place in an audio signal

## CERTIFICATIONS

HSBC Certified Enterprise Engineer

HSBC

PowerBI Data Analyst Associate

Microsoft

Tensorflow Developer

Tensorflow