

Sri Vidya Kotamarti

Certified Data Scientist From IISc

Certified Data enthusiast with over **10 years** of experience in end-to-end **Software Product Development** with expertise in designing and development activities and insightful knowledge of the **SDLC**. Proficient and work-ready expertise in **statistics, machine learning algorithms, Business Analytics, Deep learning**, and **python programming** with working knowledge of SQL, Data Structures and UML Modeling.

Contact

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Skills

Data Analysis

Data Visualization

Machine Learning

Deep Learning

Artificial Intelligence

Probability and Statistics

Tools

Python Programming

Work History

2021-08 -

2022-10

Data Science Trainee

Indian Institute of Science (IISc), Bengaluru

- Applied multiple Regression and Classification algorithms for solving real world problems (including **Linear Regression, SVM, Random Forests, Neural networks, XGBoost**, etc) by understanding and analyzing statistical models behind standard ML models
- In depth understanding of relevant statistical measures such as **confidence intervals, significance of error measurements, development and evaluation data sets, hypothesis testing, A/B testing**, etc
- Implemented Computer Vision algorithms for Object detection, Segmentation for Image data using computer vision libraries (such as **PyTorch, TensorFlow, Keras, scikit-learn, OpenCV, PIL**, etc) and State of art CNN models like **Yolo, RCNN**, etc
- Created data visualization graphics, translating complex data sets into comprehensive visual representations using **matplotlib, seaborn, ggplot**.
- Conceptualize, design, and build efficient data pipeline that can train, test, and deploy for solving different real world problems.
- Leveraged knowledge in Computing for Artificial Intelligence (AI)/ Machine Learning

Pandas, Numpy, scikit-learn,
TensorFlow, Keras,
Matplotlib, seaborn

C /C++ / C# programming

SQL

PySpark, MapReduce

Certifications

Six Sigma Green Belt

Python Development Suite

Awards & Recognition

- Pratibha Award by Govt. of AP - 2019
- Individual Excellence Award by Honeywell - 2014
- Bravo Awards by Honeywell - 2009, 2010, 2011, 2014, 2015
- Team Excellence Awards by Honeywell - 2008, 2014

(ML) and reduced time of execution by 20% using parallel programming concepts.

**2013-12 -
2016-10**

Senior Software Development Engineer Test/ Tech Lead

Honeywell, Bengaluru

- Steered rapid development in Python to complete project on time and within budget with 100% Milestone fidelity.
- Performed Estimation, planning, Study, Analysis, Requirements collection, architecture, solution design, python coding, unit testing, bug fixing and integration
- Reduced process bottlenecks by training and coaching employees on practices, procedures and performance strategies.
- Driven continuous improvement by generating implementable ideas, engaging in problem-solving activities to support teamwork.

**2009-11 -
2013-11**

Senior Engineer

Honeywell

- Worked at the partner location (Toronto) for the requirements, coding, and integration
- The key responsibilities include working on all the phases of SDLC from requirement collection to deployment
- Adhered to timelines to meet quality assurance targets.
- Trained and mentored competent and flexible workforce to meet project needs and promote positive work environment.

**2007-07 -
2009-10**

Engineer

Honeywell

- Developed positive working relationships with stakeholders to effectively coordinate work activities.
- Trained in Industry ready technical skills including Software Engineering, C,

Education

2021-09 -
2022-10

PG Level Advanced Certification Programme in Computational Data Science, Data Science

*Indian Institute of Science (IISc) - Bengaluru,
KA*

A+ Grade

2017-08 -
2019-10

Master of Technology: MTech, VLSI

*Jawaharlal Nehru Technological University -
Kakinada, AP*

Excelled as topper and Selected for Pratibha
Award, Andhra Pradesh State

2003-06 -
2007-04

Bachelor of Engineering - BE: Electronics, and Instrumentation Engineering

Andhra University - Visakhapatnam, AP

Received Overall Topper Award