Contact

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com

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(LinkedIn)

Top Skills

Predictive Analytics

Microsoft Power BI

react js

Certifications

Machine Learning Pipelines with
Azure ML Studio

Python - Data Scientist

Machine Learning

Salesforce Certified AI Associate

A/B Testing for Website Optimization

Arunkarthik Periyaswamy

Data Science Graduate Student @ SUNY Buffalo | Data Scientist |
Data Analyst | Machine Learning Engineer | Software Engineer
Buffalo, New York, United States

Summary

This is Arunkarthik Periyaswamy. I am currently pursuing my
Masters in Data Science at SUNY Buffalo, New York. I have over
3+ years of experience as a data scientist at Ideas2it Technologies,
during which I have had hands-on experience working with
Medtronic Labs products, and I was part of open sourcing a product.
Iam fascinated by all the products and how I was able to use data
science as a tool to build impactful projects for the healthcare
industry. One key contribution was when I had the opportunity
to lead the development and deployment of a predictive model
using XGBoost and logistic regression to predict patient enrolment
in hospitals after screenings, driving targeted interventions. I
spearheaded the data migration from NO SQL (MongoDB) to SQL
(Postgres), which happened last year.

Experience

Ideas2IT Technologies
Data Scientist
January 2021 - January 2024 (3 years 1 month)
India

Raspberry Info Systems Pvt Ltd
Machine Learning Intern
November 2019 - March 2020 (5 months)
Chennai, Tamil Nadu, India

- Advanced Object Detection for Hotel Items using TensorFlow

- The production device detects jugs, cups, and plates that are placed outside
the rooms and sends an alert to the management room.

Honeywell
Machine Learning Intern
May 2018 - June 2018 (2 months)
Chennai, Tamil Nadu, India

• Trained on Integrated Data Manager (IDM) for transaction data monitoring.
• Gained hands-on experience with Honeywell Forge's asset performance management solutions.
• Built predictive models using ML for early machinery downtime insight and maintenance planning.

Education

University at Buffalo
Master of Science - MS, Data Science · (January 2024 - May 2025)

Meenakshi Sundararajan Engineering College
Bachelor of Engineering, Electrical and Electronics Engineering · (2016 - 2020)

DAV Group of Schools (TNAES), Chennai
· (April 2005 - April 2016)