

# Pardhu Vavila

Associate Software Engineer at CGI | Full Stack Developer | IIT, Kharagpur

## EDUCATION

### Bachelor of Technology

IIT, Kharagpur – CGPA 6.32

2013 – 2017

Coming from a non-IT background IIT Kharagpur helped me in pursuing my dream of a career in IT industry by providing an environment where cross functional projects are encouraged and people are given freedom, time and resources to develop themselves.

### Full stack Developer

Stackroute – NIIT

2017

Stackroute is world class programming boot camp which lasts for three months that's designed to deliver Full stack programmers through rigorous training and real life projects. Developed a product to automate any given workflow

## Work Experience

### CGI

Bangalore

#### Associate Software Engineer

Aug 2017- Present

Presently working on the Asset & Resource Management (ARM) suite .ARM suite is a solution designed to streamline the business processes that support utility operations .Part of a team developing a new product(OMP) that would bridge the gap between existing suite and mobile technologies.

### UST Global

Trivandrum

#### Intern

May 2016 – Jun 2016

Our project was to build a spark cluster for stream analytics. The cluster interacts primarily with time series data in Cassandra . Learnt valuable insights into the application of machine learning algorithms to Big Data

## Projects

### PROACTIVE DATA :A RICH SOURCE FOR OCCUPATIONAL ACCIDENT PREDICTION

Prof. Jhareswar Maiti ,IIT Kharagpur

The main aim of this study is to utilize the proactive data along with reactive data retrieved from an integrated steel industry in building a model to predict the future incidents. Decision tree algorithms like C5.0, CART, CHAID, and ensemble techniques such as boosting have been implemented in order to predict the accidents from the proactive data. Project has been presented at INFORMS ANNUAL MEETING 2016 - NASHVILLE,USA.

## Skills

Java

Python

Machine Learning

Data Structures

Kafka

Docker

OAuth

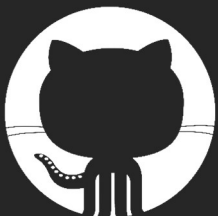
Algorithms

MongoDB

Cassandra

SQL

Spring



saicharanpardhu.github.io



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