

# Prabhaaharan Rajavel

Research Engineer

2/685,vivekanandar 7th Street ,  
S R Nagar South,  
Tirupur 641687

+919047090419

prabhaaharantceeee@gmail.com

Prabhaaharan Rajavel

praba-stackoverflow

Self-directed and result-driven research engineer professional with a comprehensive background in the design and development of AI applications. Have a strong fundamental in machine learning and software development. Built countable number of AI proof of concepts (POC) and delivered a minimum viable product (MVP) in predictive analytics. Experience in solving problems in healthcare industry and the development of HIPAA compliant healthcare products.

## WORK EXPERIENCE

### BUDDI.AI

Research Engineer

(July 2020 - Present)

- Currently working in automating parts of revenue cycle management. Solving medical language problem in clinical and pharma domains.
- Have a great experience in natural and medical language processing. Closely work with research scientists to productize proprietary machine learning algorithms.

### BUDDI.AI

Junior Research Engineer

(July 2019 - June 2020)

- Built a predictive analytics platform-BUDDIMake.Ai for the manufacturing sector. The platform helped to predict the manufactured product failure and thus improved production yield of the company by 3%.
- Designed and developed a medical-language processing platform which automates major parts of revenue-cycle-management in US healthcare.
- Closely worked with a research scientist to experiment in new ML research ideas in various types of data.

### BUDDI.AI

Research Intern

(December 2018 - June 2019)

- Worked on benchmarking of top-notch GPUs and Intel FPGAs for computationally expensive DL problems.
- Benchmarked various metrics and reported Intel with brief results. Experience in OpenCL programming and kernel (GPU) level runtime
- Worked on a highly scalable predictive analytics platform BUDDIMake.Ai.

### TCS-Centre of Excellance

Software Intern

(June 2018 - August 2018)

- Worked on the deployment of OpenStack cloud services in CentOS.
- Deployed CirrOS, a tiny OS in OpenStack cloud and implemented a small java-microservice.

## EDUCATION

### Thiagarajar College of Engineering

Bachelor's Degree Electrical & Electronics Engineering

(June 2015 - May 2019)

8.51

## PROJECTS

### Predictive Analytics Platform

<https://www.automotiv.ai/views/buddimake.html>

(October 2019 - December 2020)

Manufacturing Analytics Platform

## SKILLS

### Scala

Intermediate

### Machine Learning

Intermediate

### Neo4j

Intermediate

### Play Framework

Intermediate

### JavaScript

Novice

### Python

Intermediate

### Management

Proficient

### NLP & Text Analysis

Intermediate

### Time Series Analysis

Novice

## CERTIFICATIONS

### Machine Learning

Coursera

December 2018

### Neural Networks And Deep Learning

DeepLearning.AI

August 2020

## AWARDS

### Winner IoT Contest 2018

Texas Instruments

February 2018

### Caterpillar Innovate award First Tech Challenge

Caterpillar

June 2017

### Winning Alliance award First Tech Challenge

Caterpillar

June 2017