



# Guru Saravana Balaji P

## Senior AI/ML Engineer

Expertise in AI/ML with a proven track record in implementing NLP usecases, Predictive analytics in healthcare. Experience in handling unstructured/ structured data to answer business questions. Have domain experience in HealthCare, BFSI, Retail, HR.

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📍 Bangalore, India

## SKILLS



## WORK EXPERIENCE

### Senior AI/ML Engineer

#### GAVS Technologies - Healthcare Solutions

10/2021 - Present

Bangalore

##### Achievements/Tasks

- Built an end-to-end KYC AI solution to compare the face from ID card to real face for a leading healthcare hospital resulting decrease in inpatient waiting time by 80%. [ Framework used: Pytorch, Face detection - MTCNN, Face Recognition - FaceNet, CNN. Ops :Docker, Flask, Cloud : Azure ]
- Built an end-to-end solution to process EMR Records to extract medical diagnoses, phrases, entities and sentiments and tag them with respective SNOMED CT Codes and ICD 10 codes and resulting in a reduction of cost by 90%. [ Framework used: Pytorch, NLP, BERT, BioBert, GNN. Coverage: SaaS based product acquired 11 healthcare logos]
- Built a POC for the Invoice scanner and merge it into a single entity for a leading US healthcare provider. [ Framework used: Pytorch, OpenCV, Pytesseract, NLP, Graph Neural Network, NER, BERT ]

### Data Scientist - Product Development

#### Talview

02/2021 - 10/2021

Bangalore

##### HR SaaS

##### Achievements/Tasks

- Had built an AI product "Async +" using RNN architecture from scratch which essentially reduces the hiring decision by 55% [ Framework used: Tensorflow].
- Hired and handled a team of 2 data analysts and 1 report analyst to solution interactive dashboards using BI Tools (Tableau/PowerBI) to the clients. [ Tools used: Tableau, PowerBI, Excel]
- Key Analytics Projects Undertaken - 1) Creating Candidate Persona to improve Quality of Hire (Insurance Sector), 2) Predicting Best Source for Campus Hire ( Healthcare Consulting), 3) Time to Hire study to experience breaker in process (Major IT company)
- Solve critical recruitment challenges - reducing time to hire, improving quality of hire & candidate experience through statistical modelling predictive hiring, regression, correlations.

### Data Scientist

#### Hudson's Bay Company

07/2018 - 12/2020

##### Achievements/Tasks

- Built an end-to-end Fraud Identifier Neural Engine to be able to mitigate fraud that's happening due to account takeover, card skimming, and identity theft which resulted in a reduction of loss by \$4 Million USD for the financial year 2019 - 2020 [ Framework used: Tensorflow ANN]
- Have had worked with multiple analytics spectrums of Marketing Analytics [ Market Mix Modling, Propensity based model], Fraud Analytics.
- Identified KPI's and built dashboards and reports highlighting actionable metrics to monitor the performance of the Fraud Investigators. [ Tools: Tableau, PowerBI, MSTR ]

## WORK EXPERIENCE

### Analyst

#### Standard Chartered Bank

04/2017 - 05/2018

##### Achievements/Tasks

- Been in implementing fraud Rules for ASA region and mitigated CNP transactions to reduce the fraud loss and increase in savings by 19%.
- Have stellar experience in using SAS Proc SQL, data mining, and pattern analysis techniques to determine relationships between transactions on Credit card and Debit cards, customer data known or predicted fraudulent behaviors.
- Stellar role in identifying over 20+ BIN attacks and Point of Compromise (POC). Have experience with CCMS/C400/EBBS/Threatmatrix(Basic)
- Recommended anti-fraud processes for changing transaction patterns and trends and also resolved queued Ad-Hoc requests within the service level agreements to reduce potential escalations.

## HONOR AWARDS

### Spot Award (Q1) - Galvanizer (03/2022 - Present)

*GAVS Technologies*

- Received spot award for the excellence in showcasing the credibility to built multiple POCs and solutions within short span of time which resulted in acquiring two big logos.

### Customer Credence (05/2021)

*Talview*

- Received Customer Credence for implementing the POCs as a SaaS product and also retained a red zone client by implementing a dashboard at the their end.

## EDUCATION

### BE Manufacturing Engineering

#### Central Institute of Plastics Engineering and Technology

08/2012 - 06/2016

GPA 7.23