

# John Willson

A Software Engineer having an In-depth understanding of web technologies . With a love towards Data and mathematical concept, searching for a place to prove myself in Data Science. Good understanding of Supervised and Unsupervised Machine Learning models and also ensemble techniques. Exposure to Exploratory Data Analysis (EDA), Statistical analysis and Statistical testing (Hypothesis testing)

✉ johnjagu25@gmail.com

📞 9962940138

📍 Chennai

🌐 iamjohn.in

🌐 linkedin.com/in/johnwillson25

## WORK EXPERIENCE

### Software Engineer Agilysys

03/2018 – Present

*Achievements/Tasks*

- LMS UI - I have been working on transferring the actual Mainframe application into powerful web UI. Worked on integrating Payment Devices, Frontdesk User can Generate multiple report seamlessly. And also User can automate every aspect of hotel operations, from creating a reservation to property management.
- Rquest Express - Developed a self service Kiosk application. Integrated a verification check where User either has to provide Passport or Driving License to proceed further. After verification User can select room, upgrade room, Payment, collect Keycard for check-in. Integrated 4 devices and 110 kiosks are in live using by 8 clients.
- IG Mobile - This is a Mobile Application where User can order the food with either by cash or using casino points. They can see the cooking time and will be notified once it is ready. They can either choose to have the food in hotel or take away, can choose their seat. On Admin side the server will be notified about the order , Payment and Seat arrangement.

### Software Trainee TCS

10/2015 – 02/2018

*Achievements/Tasks*

- Product Communication Analysis Tool - This is an analysis tool which helps in tracking the customer need, strategies, market input, competitor information, the project and included products is gathered and explored which then leads to defining communication needs and how to convey them to the customer.
- ShopNet - This is an E-commerce site where I developed main features which are Tracking the Shopping Activity, Customer Wishlist, Recently viewed Items, QuickLinks and Dynamically updating offers in the Home Page.

## EDUCATION

### B.E(Computer Science & Engineering) Vel Tech Multi Tech Engg. College

2011 – 2015

## INTERESTS

Competitive Programming

Learning

Travel

## SOFT SKILLS

Problem Solving

Time Management

Analytical

## TECHNICAL SKILLS

### CS fundamentals

Data structures, Algorithms, OOPS, Coding standard

### Web Stack

Html, CSS, Javascript, Angular, Material, Flex, Nodejs

### ML Stack

Python, Matplotlib, Sci-learn, Pandas, Docker, Time Series Forecasting, Recommendation Engine

## ACCLOADES

Have received 3 times appreciation from CEO & Managing director of Agilysys for 3 different products.

Have received 2 rewards for short period delivery and excellent response for the products of Kiosk and IG

TCS Gems[ star performer of the year 2017]

## PERSONAL PROJECTS

### Housing Price Prediction

- Inference from the different model suggests that Blended model provides better predictions. To understand the factors on which the pricing of housing depends from the given 79 features and predicting the price for final dataset.
- Written a kernel about detailed analysis of using different algorithm and stacking it and detailed statistical analysis

### Credit Risk Evaluation

- Effective risk management on the borrowers overall ability to repay a loan. Developed a models to best assess the profitability and reduce risks using customer data. Recommend different strategies and design for model pipeline.

Kernel Expert at Kaggle 

## CERTIFICATES

Introduction to Data Science in Python from University of Mitchigen, Coursera

Applied Machine Learning in Python from University of Mitchigen, Coursera

Neural Networks and Deep Learning from Deeplearning.ai, Coursera