

# Aswini Cherukuri

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<https://github.com/aswinicherukuri>

## SUMMARY

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Innovative Data Scientist with 2+ years of experience in implementing data-driven solutions. Passionate about building AI models that solves real world problems.

## EDUCATION

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### Bachelor of Technology

RVR&JC College of Engineering – Guntur, AP, India

Sep 2014 – July 2018

GPA: 8.3/10

## TECHNICAL SKILLS

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**Programming Languages:** Python, HTML, CSS

**Algorithms:** Machine Learning, AI, Deep Learning

**Python Packages:** Tensorflow, Keras, Pytorch, NLTK, Pandas, Numpy, Spacy, Gensim, Scrappy, Matplotlib, Seaborn, Plotly

**Frameworks:** Flask, FastAPI

**Databases:** MongoDB, SQLite, SQL

**Tools:** Git/GitHub, Bitbucket, Docker, LINUX, AWS, REST API

## EXPERIENCE

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### Data Scientist - Searchblox Software Inc

Jan. 2021 - Present

- Implemented personalization AI model for US client ecommerce website
- Built topic modelling system using LDA technique
- Created title and summary generation model using state of the art techniques of NLP
- Worked on keywords prediction model
- Implemented text classification model using deep learning model
- Deployed AI models using Docker and Nvidia in AWS server

### Data Scientist - StartUs Insights GmbH

Aug. 2020 – Dec. 2021

- Done research on transformer based deep learning models like BERT, ELMO and GPT
- Worked on NLP tag tagger for company search engine
- Created an NLP model for predicting the most relevant words for the given input word
- Created web scrapers for extracting startups data from different websites

### Software Developer – Jaaji Software technologies Pvt Ltd

July 2019 – Aug. 2020

- Worked on inSis ProSense product which is built for remote monitoring of KPI's in Manufacturing industries
- Implemented the machine learning models (Random Forest & XG Boost) for detecting the Fault in wafers based on sensor data
- Built chatbot for answering some queries of customers

## PERSONAL PROJECT

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### Automatic Number Plate Recognition

Sept. 2020

- Implemented the AI system which is capable of reading vehicle number plates without human intervention
- It is used in Vehicle surveillance and Intelligent Transportation Systems