

# **CHILUKA SHAILAJA**

## **PROFESSIONAL SUMMARY**

*Driven Machine Learning Engineer ready to thrive in demanding Artificial Intelligence (AI) processing environments. Well-informed on the latest Machine learning (ML) advancements, Deep learning (DL) and NLP. Ready to combine tireless hunger for new skills with desire to exploit cutting-edge Data Science and Artificial Intelligence technology.*

## **WORK HISTORY**

### **Machine Learning Engineer (2020/09 - Present)**

*Future Tech IT Global Services, Hyderabad, Telangana*

- Worked with R&D team in Machine Learning and Deep Learning models
- Worked on driver's license confidentiality and verification approach using Image classification on DL model.
- AI integrated features and models have been developed for a bike taxi application and exposed to AI integrated APIs to Cloud utilities.
- Analysed and Built a Custom Chatbot assistant using NLP technology for an application.
- Currently working in the R&D team to elaborate different conceptual and practically endorsed AI features for an Autonomous Vehicle Techstack(AI) such as geofencing, Lane detecting, path planning, auto switching modes of vehicle engine and many as such.

### **Machine Learning Intern (2020/03 - 2020/08)**

*Artificial Penetration Software Solutions, Hyderabad, Telangana*

- Excelled in Machine Learning, Deep Learning, Natural Language Processing, open CV and Python programming.
- Translated benefits of machine learning technology for non-technical audiences, including cost/benefit analyses.
- Created and presented models using Machine Learning tools that computed best accuracy to the Managing Holders.
- Developed and implemented Deep learning concepts( RNN, CNN, ANN) to improve the model in Traffic Signs Detection.
- Social distancing an open source project was developed which can automatically estimate interpersonal distance from uncalibrated RGB cameras.
- Constructed a language model to accomplish Named Entity Recognition, Machine Translation and Spellchecker which gave an excellent performance to extract information from the given context.
- Created data visualization graphics, translating complex data sets into comprehensive visual representations.
- Maintained positive business relationships with both internal personnel and external data solution providers.

### **IOT Intern (2018/01 – 2018/07)**

*Smart Bridge Educational services pvt ltd., Hyderabad, Telangana*

- Exposed to various Hardware and Software components in the Domain - 'Internet of Things' using Arduino programming.

- Worked on various services of IBM cloud (IBM Bluemix).
- Built a sample interactive Chatbot using IBM Watson Assistant.

## **EDUCATION**

### **Bachelor of Engineering Technology (2015-19):**

#### **Computer Science and Engineering**

*Anurag University– Hyderabad*

- Graduated with 8.94 CGPA

## **SKILLS**

- **Technical skills:** AI, Data Science, Machine Learning, Deep Learning, Open CV, NLP, Django Web Framework, IOT
- **Programming and Scripting Languages:** C ,C++ ,Core java ,Python ,R ,HTML, MySQL
- **Visualization Tools:** Tableau

## **COURSES AND CERTIFICATIONS**

### **Data Science (2019-07 – 2020-02)**

- *Issued by LearnAI.co.in Dilsukhnagar, Hyderabad*

## **PERSONAL PROFILE**

**Date of Birth :** 24<sup>th</sup> November 1997

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**Github Profile :** <https://github.com/shailajach-24>

## **DECLARATION**

I hereby declare that the above furnished details are authentic, genuine and can be cross-examined.