

# JAGADISH KUMAR PAKALAPATI

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## **PROFESSIONAL SUMMARY**

Master's student in Data Science, I am willing to contribute my hard work and my knowledge to the organization. Demonstrated proficiency in programming languages such as Python, SQL, Big Data Analytics. Passionate about turning complex data into actionable insights to drive decision-making. Eager to leverage cutting-edge machine learning and data science methodologies to address complex challenges in the organizations. Actively seeking opportunities to translate academic research into impactful solutions in a dynamic, data-driven environment.

## **CORE COMPETENCIES**

Data Science & Machine Learning: Supervised learning, Big Data Analytics, Predictive modelling

Programming and Tools: Python, SQL, Tableau, AWS, Excel.

## **EDUCATION**

**Tagliatela College of Engineering, University of New Haven ▪ West Haven, Connecticut [DEC 2026]:** Master of Science in Data Science

Coursework:

- Machine Learning ▪ Big Data ▪ Data Visualization ▪ Deep Learning ▪ Natural Language Processing (NLP)
- Leadership in Data & AI Products ▪ Data Ethics ▪ etc

Tools:

- Python ▪ SQL ▪ AWS ▪ [Other tools such as cloud technologies, visualization software, etc.]

**Vel Tech Rangarajan DR. Sagunthala R&D Institute of Science and Technology, CHENNAI, INDIA (07/2019 - 05/2023):** Bachelor's of Technology (B. TECH) in Electronics and Communication Engineering

**Infant Jesus Junior College, Hyderabad, India (06/2017 - 04/2019):** Board of Intermediate Education (TSBIE)

Course: MPC (MATHS, PHYSICS AND CHEMISTRY)

**Infant Jesus International High School, Hyderabad (06/2011 - 03/2017):** Board of Secondary Education (SSC)

## **PROFESSIONAL EXPERIENCE**

COGNIZANT TECHNOLOGY SOLUTIONS INDIA PRIVATE LIMITED, HYDERABAD, INDIA (06/2024 – 08/2024)

- I was a Programmer Analyst Trainee, to improve the skills of Java programming, and My SQL language.
- Attended the sessions of masterclasses and performed the tasks of programming's of Java and My SQL.

## **PROJECTS**

**ARTIFICIAL INTELLIGENCE BASED SMART CYBER ATTACK DETECTION IN ONLINE PAYMENT APPLICATIONS, CHENNAI, INDIA (01/2023 - 05/2023):**

- The theme of the project is to detect fraud attacks in online payment transactions, like in credit card payments and its transactions, and many more online payment applications. To solve the major issue in the cyberattacks of payment transactions, while in the banking as well, as not to face the issues in the economic crisis.

**CERTAIN INVESTIGATIONS ON SECURITY ISSUES IN IOT BASED SMART FARMING SYSTEMS, CHENNAI, INDIA (08/2022 - 10/2022):**

- The theme of the project is to solve the IOT security threats and its vulnerability. In smart farming, it can be an cyberattack in the IOT devices, and to solve that we can develop by investigations.

**LINE FOLLOWER CAR USING IR SENSOR, CHENNAI, INDIA (08/2019 - 11/2019):**

- The theme of the project is that line follower car follows a line on its given path by using IR sensors and it is used in various industry and as well as domestic applications.

## **PROFESSIONAL PORTFOLIO**

- **Professional Portfolio** | (West Haven, USA)
- Access my professional portfolio: [<https://github.com/Jagadish3008/MSDS>]