

# RAHUL PRASAD

+1(203) 864-1830 ◇ Bridgeport, CT

[rahulprasad2823@gmail.com](mailto:rahulprasad2823@gmail.com) ◇ [linkedin](#) ◇ [Github](#)

## PROFILE SUMMARY

---

Dedicated Analytics and Cognitive Analyst with a background at Deloitte, adept at data analysis, AI prompt development, and collaborating with diverse teams. Skilled in managing projects, enhancing AI models, and crafting actionable insights. Currently pursuing a master's in computer science and engineering in the USA. Proficient in Python, JavaScript, and data visualization. Demonstrates a passion for creativity, precision, and pushing the boundaries of innovation in data science and engineering.

## WORK EXPERIENCE

---

### **Analytics and Cognitive Analyst**

Sep 2022 – Dec 2023

**Deloitte Touche Tohmatsu India, LLP**

Bangalore, India

- Collaborated with cross-functional teams and clients to understand their analytical needs, providing tailored solutions and actionable recommendations.
- Managed and executed multiple projects simultaneously, adhering to timelines and quality standards, ensuring client satisfaction.
- Led a key project as a prompt writer, developing and refining prompts for AI and machine learning models to enhance performance and accuracy.
- Collected and analyzed data on individuals who attended Big Data training and certifications, contributing to the improvement of training programs and the firm's Big Data capabilities.

### **Analytics and Cognitive Analyst Intern**

Feb 2022 – Jul 2022

**Deloitte Touche Tohmatsu India, LLP**

Bangalore, India

- **Technical Skills Gained:** Trained in Azure, Data Factory, Python, PyCharm, and SQL.
- **Hands-on Experience:** Applied training to live projects, particularly with Azure, gaining practical experience in cloud-based data solutions.
- **Tools Used:** Worked extensively with Azure Data Factory for data integration and automation and utilized Python for scripting and data analysis.

## SKILLS

---

### **Languages:**

Python, R, C, C++.

### **Machine Learning:**

Regression, Classification, Clustering, Pandas, NumPy, Scikitlearn, Jupyter  
PyTest, Deep Learning, Natural Language Processing (NLP), Keras,  
PyTorch.

### **Deployment and Production:**

Docker, Kubernetes, Flask, FastAPI, Azure.

### **Database:**

MongoDB, MySQL.

### **Visualization:**

Tableau, Power BI, Matplotlib.

### **Platforms:**

Linux, Ubuntu, Windows.

### **Web Technologies:**

HTML5, CSS3, Java Script, ReactJS.

### **Soft Skills:**

Project management, Collaboration, Problem-solving, Critical thinking,  
Creative thinking.

## EDUCATION

---

### Master of Science in Computer and Information Sciences

Jan 2024 - Present

Sacred Heart University, Connecticut, USA

Relevant Coursework: Big Data Analytics, Advance Database Design, Data Science Architecture, Deep learning, Machine Learning, Text Based Analysis, Applied Statistics.

### Bachelor of Technology in Computer Science and Engineering

Aug 2018 - May 2022

Lovely Professional University, India

Relevant Coursework: Python, Java, R-Programming, Data Structures, Data Visualization, Artificial Intelligence, Computer Networks, Operating systems, Cloud Computing, Predictive Analysis.

## PROJECTS

---

### Sentiments from Space: Insights from Space Experience Reviews with NLP

- **Objective:** Analyze customer reviews on space travel experiences to uncover key insights using NLP.
- **Features:**
  - Data cleaning and preprocessing.
  - Sentiment analysis (27.68% positive, 11.81% negative) using VADER.
  - Identification of key terms and topics through TF-IDF and LDA modeling.
- **Techniques:** NLP, Sentiment Analysis, TF-IDF, LDA Topic Modeling, Data Visualization (word clouds, scatter plots).
- **Highlights:** Extracted actionable insights from customer reviews, revealing critical themes in space travel experiences.

### Prompt Writer at Deloitte for Amazon.com Services LLC

- **Features:**
  - **Diverse Prompt Development:** Created a variety of writing prompts using JavaScript to train an advanced AI-model.
- **Research-Driven:** Conducted thorough research to ensure prompt relevance and accuracy.
- **Techniques:**
  - **Creative Writing:** Employed creativity to craft engaging and effective prompts.
  - **Iterative Refinement:** Continuously improved prompts based on feedback and testing phases.
  - **Technical Scripting:** Utilized JavaScript to script and format prompts for optimal AI integration.
- **Highlights:**
  - Contributed to the enhancement of AI model performance through effective prompt creation.
  - Successfully balanced creativity with technical precision to meet project goals.
  - Maintained a high standard of quality while adhering to strict deadlines.

## CERTIFICATION

---

- Deep Learning (LinkedIn)
- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure Fundamentals