

# NAVEEN INDLURU (AI / ML ENGINEER)

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## EXPERIENCE

### 12/2022 to 07/2023 Data and ML Engineer - Development Team

**Accenture Solutions Pvt. Ltd.** – Bangalore, India

- Engineered and deployed scalable machine learning models for predictive analytics and real-world business challenges using Python and TensorFlow
- Optimized end-to-end ML pipelines, resulting in a 30% increase in operational efficiency by automating data workflows
- Led MLOps initiatives to ensure seamless integration of machine learning models into production, leveraging AWS and Azure services
- Conducted cross-validation, performance monitoring, and tuning of models for real-time deployment, reducing prediction latency by 15%
- Collaborated with cross-functional teams to translate business requirements into data-driven AI solutions

### 02/2021 to 12/2022 Machine Learning Engineer - Development Team

**Cognizant Technology Solutions Pvt. Ltd.** – Chennai, India

- Designed and implemented machine learning models to automate key business processes, reducing manual intervention by 30%
- Developed and maintained data pipelines using NLP techniques for ticket classification and text analytics
- Generated visual dashboards using Tableau, helping stakeholders make data-informed decisions
- Improved data flow processes by enhancing data quality checks and validation, boosting data accuracy by 25%
- Conducted statistical analysis and hypothesis testing for key business operations, driving insights and improving overall data handling

### 11/2019 to 01/2021 Programmer Analyst - Personalization Team

**Cognizant Technology Solutions Pvt. Ltd.** – Chennai, India

- Developed and optimized data models to support backend systems, improving query performance by 40%
- Implemented new features based on functional requirements, enhancing the efficiency of internal tools
- Worked closely with clients to gather requirements and delivered custom machine learning solutions for business problems

## TECHNICAL SKILLS

- Languages: Python, Java, R, SQL, JavaScript, HTML, C, SQLite
- Frameworks & Libraries: TensorFlow, PyTorch, Scikit-Learn, Pandas, NumPy, Flask, Spring
- Tools: Docker, Kubernetes, REST APIs, AWS, Azure, Kafka, Spark, Tableau, Beautiful Soup, Selenium, Web Application Firewall
- Technologies: Machine Learning, Deep Learning, NLP, Data Analytics, Data Mining, Transformers, LLMS, RAG Models, O1 Models, CI/CD, Cloud Computing
- Version Control: Git, SVN
- Operating Systems: Linux, Windows

## ACADEMIC PROJECTS

**Document Classification** | [GitHub](#): Built a Naive Bayes model from scratch to classify text from the 20-newsgroups dataset, leveraging Python, NLTK, and Scikit-learn., Optimized model performance by comparing against Scikit-learn's multinomial version.

**NLP-Based Ticket Classification Automation Case Study** | [GitHub](#): Developed an NLP-based classification model to automate ticket routing for a ticket management platform., Implemented Bag-of-Words and TF-IDF techniques for text analysis and feature extraction, achieving improved process efficiency.

Please find my all other and recent projects in my [GitHub profile](#)



## AWARDS & ACHIEVEMENTS

- **Promotion** – Cognizant Technology Solutions India Pvt. Ltd (Mar 2022) Appreciated with a promotion from Programmer Analyst to Associate Software Engineer within 2 years for outstanding performance.
- **Outstanding Performance Award** – Cognizant Technology Solutions India Pvt. Ltd (Jul 2022) Awarded for demonstrating a remarkable ability in learning and contributing significantly towards organizational objectives.

## EDUCATION

**Expected in 05/2025 Master of Science: Data Science and AI, (Specialization: Artificial Intelligence)**

**University of Central Missouri** – Lee's Summit, Missouri

GPA: 3.7/4.0

**04/2019**

**Bachelor of Technology: Computer Science and Engineering**

**Audisankara Institute of Technology** – Nellore, Andhra Pradesh, India

GPA: 8.0/10.0