

# SHREEYA NITTURKAR

Artificial Intelligence & Machine Learning Engineer

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## EDUCATION

### Osmania University

2020 – 2024

Bachelor of Engineering, Computer Science Engineering

CGPA: 7.8/10

*Relevant Coursework:* Machine Learning, Data Structures, Algorithms, Software Engineering, AI Technologies

### Sri Chaitanya Junior Kalashala

2018 – 2020

Intermediate (MPC)

Academic Score: 92%

## TECHNICAL SKILLS

**Programming:** Python (ML/AI), Java, C, SQL

**AI/ML:** Machine Learning, Deep Learning, NLP, Generative AI, Large Language Models (LLMs)

**Frameworks:** TensorFlow, PyTorch, Keras, React.js, Node.js

**Data Science:** Pandas, NumPy, Matplotlib, Seaborn, **Power BI**, ETL Pipelines

**Cloud & DevOps:** AWS, Firebase, Git, MS Office Suite

## EXPERIENCE

### AI Variient

March 2023 – October 2024

*Data Science and Machine Learning Intern*

Hyderabad, India

- Engineered and deployed **predictive ML models** with automated ETL pipelines
- Implemented advanced **data preprocessing and feature engineering** on large-scale datasets
- Developed comprehensive **data visualization dashboards** for stakeholder insights

### Open Weaver

June 2023 – September 2023

*Generative AI Intern*

Hyderabad, India

- Developed and **fine-tuned OpenAI models** for business applications
- Implemented **computer vision solutions** using OpenCV for image processing
- Built and optimized **NLP-based chatbots** for customer service automation
- Created AI solutions using **TensorFlow, PyTorch, and Scikit-Learn**

### Skill Vertex

May 2023 – June 2023

*Web Development Intern*

Hyderabad, India

- Developed **full-stack web applications** using React.js and Node.js
- Integrated **RESTful APIs** and implemented real-time data handling with Firebase
- Enhanced user experience with **responsive design** and Bootstrap

## PROJECTS

### Healthcare Patient Waitlist Analytics Dashboard

- Developed comprehensive Power BI dashboard reducing manual reporting time by **75%**
- Implemented end-to-end methodology: requirement gathering, data collection, and transformation
- Created interactive visualizations improving stakeholder decision-making efficiency by **60%**
- Established automated refresh cycles reducing data update time by **90%**
- Achieved **40%** reduction in patient wait time analysis

### Digital Typing Assistant

- Built NLP-powered typing assistant achieving **85% accuracy** in next-word prediction
- Implemented machine learning algorithms improving typing efficiency by **40%**
- Reduced typing errors by **35%** through context-aware suggestions
- Processed **over 1 million text samples** for model training

### StanUConnect - Social Media Platform

- Created full-stack social platform handling **10,000+ daily active users**
- Implemented real-time updates with **99.9% uptime** using Firebase
- Achieved **50% faster** load times using optimized React components and Tailwind CSS
- Developed robust user authentication system with **100% security compliance**

### AI-Powered Prediction Systems

- Solar Panel Generation: Regression models with **92% accuracy**
- Crude Oil Prediction: Price forecasting models with **88% accuracy**
- Bankruptcy Prevention: Classification models with **90% precision**

## CERTIFICATIONS & ADDITIONAL INFORMATION

### Professional Certifications:

- Machine Learning** (IBM Certified)
- Data Science Workshop** (IIT Hyderabad)
- SQL & Power BI** (SimpliLearn)
- Data Science and ML** (Excehr)
- Google Analytics (Simplilearn)
- Agile Scrum Master (Simplilearn)

### Leadership & Achievements:

- Placement Coordinator at Stanley College
- Technical and Cultural Events Coordinator
- Led multiple successful team-building initiatives

**Languages:** French, English, Hindi, Marathi, Kannada, Telugu, Mandarin