Kothapalem Satheesh

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SKILLS SUMMARY

- **Languages**:   Python, java, Html, CSS, JavaScript
- **Frameworks**:   Django, NumPy, Pandas, Matplotlib, Scikit-Learn
- **Tools/Platforms**: Git, GitHub, Postman
- **Backend**:   MySQL, MongoDB
- **Soft Skills**:   Leadership, Team Collaboration, Continuous Learning, Communication

INTERNSHIPS

Machine Learning Intern – Cognifyz Technologies | **Certificate**   Jan 2026 – Feb 2026

- Implemented machine learning algorithms using Python to build predictive models and solve data-driven   problems.
- Performed data preprocessing including handling missing values, feature engineering, and preparing datasets for training and evaluation.
- Assisted in developing and optimizing machine learning workflows, improving model performance and documenting project outcomes.

Machine Learning Intern -Techno Hacks| **Certificate**   Nov 2025 – Dec 2025

- Implemented machine learning algorithms and statistical models in Python to solve data-driven problems.
- Cleaned and transformed raw datasets by handling missing values, performing feature extraction, and preparing data for modeling and analysis.
- Designed and maintained machine learning workflows and data pipelines, ensuring smooth data ingestion, model training, and deployment processes.

PROJECTS

Blog Application | GitHub   Jan 2026 – Feb 2026

- Engineered a full-featured blog platform with post creation, editing, draft/publish workflow, and featured content management using Django.
- Integrated category-based filtering, keyword search, and a moderated comment system with secure authentication and role-based access control.
- Structured an admin-style dashboard for managing posts, categories, comments, and users, utilizing Django ORM, crispy forms, and SQLite for efficient data handling.

Django ToDo Application | GitHub   Jan 2026 – Feb 2026

- Developed a full-stack task management web application using Django with complete CRUD functionality and secure user authentication.
- Designed user-specific task management features including task creation, editing, deletion, filtering, and completion tracking using Django ORM and SQLite.
- Implemented responsive frontend interfaces using HTML, CSS, JavaScript, and Bootstrap, ensuring seamless user experience and secure session management.

Voice ai agent | GitHub   Aug 2025 -Oct 2025

- Engineered a real-time voice-enabled AI agent using Google ADK and W&Weave Inference to enable dynamic conversational interactions.
- Architected a FastAPI backend handling audio-to-text conversion, context streaming, and multi-turn agent logic connected to a lightweight model endpoint.
- Delivered seamless browser-based voice communication through a React interface with integrated deployment support for real-time interaction.

Book Recommendation System Using Machine Learning | GitHub   May 2025-Jul 2025

- Pioneered a data-driven book recommendation platform leveraging K-Means clustering and cosine similarity for personalized suggestions.
- Performed data preprocessing and exploratory analysis to identify reading patterns and enhance model accuracy.
- Visualized clustering insights with Matplotlib and Seaborn, enabling interpretation of recommendation model performance.

TRAININGS

Artificial Intelligence and Machine Learning | IIT Patna   Since Dec 2025
- Gaining in-depth knowledge of Artificial Intelligence and Machine Learning concepts, including supervised and unsupervised learning techniques.
- Working on implementing machine learning models using Python and popular libraries, with a focus on data preprocessing, model building, and evaluation.
- Continuously applying AI/ML concepts through hands-on exercises and real-world problem statements to strengthen practical understanding.

Machine Learning Made Easy – LPU | [Certificate](#)   Jun 2025-Jul 2025
- Gained foundational to advanced understanding of machine learning concepts across supervised and unsupervised algorithms.
- Implemented ML and deep learning models using Python, Scikit-Learn, and including model training, testing, and optimization.
- Applied concepts in real-world projects such as classification, clustering, and recommendation systems, with preprocessing and hyperparameter tuning.

CERTIFICATES

- ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI & LLM – Infosys | **[Certificate](#)**   Aug 2025
- Machine Learning Made Easy: From Basic to AI Applications - LPU | **[Certificate](#)**   Jul 2025
- The English Master Course: English Grammar, English Speaking - Udemy | **[Certificate](#)**   Mar 2024

ACHIEVEMENTS

- Conducted AI & ML Workshop "Build Your Future in Tech" introducing aspiring professionals to core AI and machine-learning concepts | LPU   Nov 2025
- Qualified RGUKT-CET and secured a seat in the 6-year integrated Pre-University + B. Tech programmer at Rajiv Gandhi University of Knowledge Technologies |RGUKT   Aug 2021

POSITION OF RESPONSIBILITY

- Represented Launched Global on campus as Campus Ambassador organized outreach events and increased student engagement and brand visibility | LPU   Nov 2025

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering   Since Aug 2023
  CGPA: 8.01
- **RGUKT (Rajiv Gandhi University of Knowledge Technologies)**   Iddupulapaya, AP
  Intermediate - MPC   Jun 2021 – May 2023
  CGPA: 9.37