





# MATAM PARAMESH KUMAR

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## ABOUT ME

I am a dedicated and passionate undergraduate student specializing in Artificial Intelligence and Machine Learning. I am driven by the potential of AI to transform industries and improve lives. My academic journey has equipped me with a solid foundation in computer science, mathematics, and statistics, which I continuously build upon through hands-on projects and collaborative research.

## CERTIFICATIONS

- Siemens Trainee Certificate
- Prompt Engineering – GCP
- AI App Dev – GCP
- Cybersecurity – GCP

## ACHIEVEMENTS

- Secretary, FACIT Council – REVA University
- Organizer, Khel Khoj Sports & Talent Event

## PROJECTS

### • NOVA AI:

NOVA AI is a powerful, voice-interactive personal assistant integrating OpenAI's capabilities to perform tasks, answer queries, and automate workflows. It features natural language understanding, real-time voice response, and custom command handling for both web and local system actions.

### • Alzheimer's Detection using Machine Learning:

Developed ML models including Random Forest and Neural Networks to identify early-stage Alzheimer's from medical records and imaging. Achieved high validation accuracy.

### • Hospital Mortality Prediction:

Built predictive models on clinical data to estimate patient survival chances in ICUs. Improved decision-making with explainable results.

### • Conversational Chat-Bot:

Designed and deployed an interactive chatbot using NLP techniques to answer FAQs and automate responses for student queries.

### • Bank Loan Prediction:

Implemented logistic regression and ensemble methods to predict loan approvals using demographic and financial data.

### • Netflix BI Dashboard:

Created an interactive Power BI dashboard showing viewing trends, genre popularity, and user engagement metrics.

### • Bus Booking System:

Developed a full-stack web app for online bus ticket booking using MERN stack with real-time seat availability.

## EXPERIENCE

- Siemens – Medical Data Automation
- NTT DATA – SalesForecast Modelling and Dashboarding.

## EDUCATION

- B.Tech – CSE (AI & ML), REVA Univ (2021–2025), CGPA: 9.08
- Intermediate – MPC, Sri Chaitanya (2019–2021), 94.6%
- SSC, Sri Chaitanya High School (2016–2019), GPA: 9.8

## SKILLS

### • Programming Languages:

Python, C, Java, C++, SQL, C#

### • Machine Learning & AI:

TensorFlow, PyTorch, Scikit-Learn, HuggingFace, OpenCV

### • Data Manipulation & Visualization:

Pandas, NumPy, Matplotlib, Seaborn

### • Web & App Development:

FastAPI, Streamlit, MERN Stack, FlutterFlow

### • Cloud & DevOps:

Google Cloud Platform (GCP), AWS, Azure ML Studio, Git, GitHub

### • Databases:

MySQL, MongoDB, SQLite

### • Soft Skills:

Public Speaking, Debugging, Agile Practices

## LANGUAGES

- English
- Hindi
- Telugu
- Kannada

## INTERESTS

- Badminton (National Level)
- Cricket
- Moto vlogging

