SAI KEERTHANA BODDULA

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PROFESSIONAL   SUMMARY

I am a recent Computer Science Engineering graduate with a focus on Artificial Intelligence and Machine Learning. Through my academic projects, I have gained hands-on experience in Python programming, building machine learning models, and data analysis. I also have a basic understanding of SQL and cloud platforms like AWS. I enjoy using technology to solve real-world problems and continuously look for opportunities to learn and grow. I am now looking forward to starting my career with a company where I can apply my skills, work on innovative projects, and contribute to impactful solutions.

SKILLS

- **Programming Languages:** Python, Java, C (Familiar)

- **Web Development:** HTML, CSS, JavaScript, Django

- **Databases:** MySQL

- **Core Subjects:** DSA, Machine Learning, NLP

WORK EXPERIENCE

Intern - Network Security

Nacharam Industrial Association, Hyderabad   Mar 2025 - Jun 2025
- Worked on a biometric cloud project with Java and MySQL.
- Implemented secure cloud-based identification protocols.

EDUCATION

Aurora's Technological and Research Institute (ATRI) | Hyderabad
B. Tech in Computer Science (AI & ML) | CGPA: **7.42**   2021 – 2025

Sri Chaitanya Junior College | Hyderabad
Intermediate (MPC) | CGPA: **9.2**   2019 – 2021

Krishnaveni Talent School | Hyderabad
SSC Board Education | CGPA: **9.7**   2019

PROJECTS

Machine Learning Based Design Patterns Prediction   Mar 2025 - Jun 2025

- **Technology Stack:** HTML, CSS, JavaScript, MySQL, Django

- Developed a Django web app to predict design patterns using ML. Integrated REST API for real-time suggestions from source code.

- Implemented machine learning models to analyze code structures and recommend optimal design patterns with high accuracy.

- Designed and optimized database schemas in MySQL for efficient storage and retrieval of training data and predictions.

Multi-Class Stress Detection via Heart Rate Variability   Dec 2024 - Feb 2025

- **Technology Stack:** HTML, CSS, JavaScript, MySQL, Django

- Built a stress classification system using ECG/HRV data. Applied CNNs and XGBoost to detect stress levels (low/medium/high).

- Preprocessed raw physiological signals using statistical and frequency-domain techniques to enhance model performance.

- Developed a Django-based dashboard for real-time stress monitoring and visualization, improving user accessibility.

Privacy-Preserving Biometric Identification Scheme   Apr 2025 - Jun 2025

- **Technology Stack:** HTML, CSS, JavaScript, MySQL Server

- Designed a secure biometric system using Java, JSP, MySQL. Resists ciphertext-only attacks and ensures encrypted verification.

CERTIFICATIONS

- GenAI Powered Data Analytics Job Simulation | **TATA Groups**

- Solutions Architecture Job Simulation | **AWS**

- Data Analytics Job Simulation | **Deloitte**

- AI Fundamentals | **IBM Skills Build**

- Machine Learning and Deep Learning | **IBM Skills Build**

- Mastering the Art of Prompting | **IBM Skills Build**

- AI Ethics | **IBM Skills Build**

- NLP for Developers / NLP using Python | **Infosys Springboard**

- Generative AI | **LinkedIn Learning**

- Microsoft Copilot | **LinkedIn Learning**

- Technical English for Engineers (Elite) | **NPTEL**

PERSONAL PROFILE

Date of Birth	:	27-03-2003
Father's Name	:	B. Srinivas
Gender	:	Female
Nationality	:	Indian
Languages Known	:	English, Hindi, and Telugu

Declaration: I hereby declare that all the information given in this form is true to my knowledge.

(BODDULA SAI KEERTHANA)

Place: Hyderabad.

Date: