KONETISETTI UDAYA SINDHU

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EDUCATION

Bachelor of Technology, Vellore Institute of Technology, Vellore — 2022 - 2026
Major: Computer Science — Current CGPA: 8.7 **11th and 12th**, Sri Vidya Junior College, Hyderabad 2020 - 2022
Board Percentage: 94.9%

High School, Roots Montessori School, Hyderabad — 2014 - 2020
Board Percentage: 93.0%

WORK EXPERIENCE

Generative AI Intern — May 2024 - July 2024
Oracle

- Engineered and optimized generative AI models on OCI using TensorFlow, PyTorch, and NumPy. Assembled practical skills in deploying and managing these models.

- Received a certificate of completion, demonstrating proficiency in AI.

SKILLS

Languages	Java, C, Python, HTML, CSS, React, SQL
Tech Stack	Node.js, Express.js, MongoDB
Libraries	NumPy, Pandas, Scikit-learn, Matplotlib, TensorFlow, OpenCV, OpenStack, PostgreSQL, Git
	Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms
Certifications	Unsupervised Learning, Recommenders, Reinforcement Learning, Neural Networks and Deep Learning, Convolutional Neural Networks, Web Development
Soft Skills	Communication, Problem-Solving, Adaptability, Leadership, Optimistic
Courses	Data Structures and Algorithms, Object-Oriented Programming, DBMS, AWS Cloud Computing

PROJECTS

- **Language Translator using NLP:** *Python*, *MarianMTModel*, *MarianTokenizer*, *PyTorch*
Implemented a function to tokenize input text, perform translation using the trained model, and decode the output into translated text. Utilized the MarianMTModel and MarianTokenizer from the Hugging Face Transformers library.

- **Ecommerce Website:** *MongoDB*, *Express.js*, *React*, *Node.js*, *HTML*, *CSS*, *JavaScript*
Developed an ecommerce website to sell apparel. Implemented user authentication, product listing, shopping cart, and payment gateway integration. Utilized MongoDB for database management, Express.js for server-side logic, React for building user interfaces, and Node.js for backend development.

- **Halloween Candy Classifier:** *Python*, *Scikit-learn*, *NumPy*, *Pandas*, *Matplotlib*
Developed a classifier using Python libraries to preprocess and visualize data. Implemented a Decision Tree model to categorize Halloween candies.

ACHIEVEMENTS

- Selected for the final round of the Bioinfluence Biohackathon, organized nationwide by Bversity+.

VOLUNTEERING

- Led design and creative efforts for Youth Red Cross-VIT, overseeing promotional materials and visual communications. Organized a blood donation camp, collecting 650+ units for three major hospitals in Vellore.

- Authored a blog on Zero Trust Security Architecture (IEEE-Computer Society).

- Secured sponsorships for the Second International Conference on Emerging Trends in IT and Engineering.