Varalakshmi Duggineni

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Career Objective

As a tech-savvy and adaptable B.Tech graduate, I'm excited to dive into a variety of roles where I can put my skills to good use. I love solving problems and finding innovative solutions, and I'm always eager to keep learning and growing. I'm ready to bring fresh ideas and make a real impact, no matter the industry.

Education

Vellore Institute of Technology (AP) — Aug. 2021 - Ongoing
BTech in Artificial Intelligence And Machine Learning (CSE) — *Curr. GPA: 8.6*
Relevant Courses: Operating Systems, Data Structures, Analysis of Algorithms, Artificial Intelligence, Database Management Systems (DBMS), Machine Learning, Natural Language Processing(NLP)

Narayana Junior College, Guntur — Jul. 2019 - May 2021
Higher Secondary Education (MPC) — *Percentage: 92.5*

Little Flower English Medium School, Guntur — Jun. 2014 - Apr. 2019
Secondary School Certificate (ICSE) — *Percentage: 82*

Professional Experience

Ethnus — Sep. 2023 - Nov. 2023
MERN Full Stack Virtual Internship — *ReactJS, NodeJS, ExpressJS, MongoDB, Javascript*

- Developed an online auction system using MERN stack technologies (ReactJS, NodeJS, ExpressJS, MongoDB).
- Designed and implemented features including login, sign-up, home page, profile, dashboard, and user/admin interfaces.
- Led backend integration and frontend interface development, improving user experience by 15 percent through enhanced functionality and seamless interaction.

Photon Club — Dec. 2022 - Jul. 2024
Event Manager

- Managed and executed multiple club events with up to 100+ participants, ensuring smooth operations and successful outcomes.
- Led a team to ensure successful event execution, driving a 20 percent increase in attendance and boosting overall member engagement.

Projects

Language and slang evolution using NLP — *NLP, Python, Hybrid Model (Random Forest and SVM)*

- Coordinated the investigation of language evolution using natural language processing (NLP) and machine learning techniques.
- Achieved a 93.75 percent accuracy rate with a hybrid model, contributing to advancements in language prediction and modeling.

Plant Diseases Classification — *Python, Deep Learning*

- Developed a deep learning model to classify plant diseases, achieving high accuracy in the identification and categorization of diseases, contributing to agricultural disease management.

Skills

Programming Languages: Java, SQL, HTML/CSS, Javascript

Frameworks: ReactJS, NodeJS, ExpressJS, Java

Databases: MongoDB

Technologies: IntelliJ IDEA CA, Git, AWS, VS code

Cloud Platforms: AWS (Certified Cloud Practitioner)

Certifications: MERN FULL STACK Internship Program.
AWS Certified Cloud Practitioner.

Extra Curricular Activities: National Cadet Corps (NCC) — 'A' Certified Member

Strengths: Problem-solving, Leadership, Team Collaboration, Critical Thinking, Adaptability, Project Management