Gottumukkala Varshini

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Summary

B.Tech graduate in **Data Analytics** and **Machine Learning**. Proficient in **Python**, **Java**, and **HTML/CSS**. Experienced in developing data-driven and user-centric applications.

Internships

Data Analytics Intern — 360DigiTMG

Feb 2024 – Mar 2024

Optimized medical inventory using Python and PostgreSQL, reducing costs by 15%.

- Analyzed data and implemented optimizations.

Machine Learning Intern — YBI Foundation

May 2023 – Jul 2023

Developed a **Handwritten Digit Prediction** model with Python, enhancing accuracy.

- Applied data preprocessing and hyperparameter tuning.

Web Developer Intern — Oasis Infobyte

Mar 2023

Created web applications using HTML, CSS, and JavaScript, improving engagement by 20%.

- Designed responsive applications for better UX.

Website Developer — BAOIAM Innovations

Feb 2023 – Apr 2023

Maintained responsive websites, enhancing user experience.

- Developed and optimized web applications.

Web Development Intern — The Sparks Foundation

Jan 2023

Built a secure payment gateway website, increasing transaction efficiency.

- Ensured security and user trust.

Java Development Intern — Oasis Infobyte

Nov 2022

Developed Java applications, including a ticket reservation system.

- Implemented backend logic for robust performance.

Web Developer — 1Stop Organization

Oct 2022 – Nov 2022

Enhanced functionality of an Ecommerce website.

- Improved web performance and user engagement.

Skills

- **Languages:** Python, Java, HTML, CSS, JavaScript, MySQL, PHP
- **Machine Learning:** Data Preprocessing, Feature Engineering, Model Evaluation
- **Web Development:** Frontend/Backend Development, Responsive Design, UI Optimization
- **Database Systems:** MySQL, PostgreSQL
- **Tools:** Git, GitHub, Optimization Techniques
- **Other Skills:** Teamwork, Problem-solving, Communication

Projects

Student Performance Prediction

Built a machine learning model to predict performance using Python, improving accuracy.

- Tools: Python, Scikit-learn, Pandas, NumPy

Job Portal Development

Implemented a job portal using HTML, CSS, JavaScript, PHP, and MySQL, focusing on user experience.

- Tools: HTML, CSS, JavaScript, PHP, MySQL

Education

B.Tech in Computer Science and Engineering (CSE)

Sir C.R.Reddy College of Engineering, Eluru *2020 – 2024*

GPA: 8.34

Certifications

- **Java Full Stack Certification** from TalentNext Program
- **NASA Space APPS Challenge** Participation Certificate