Lavanya Kandula

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EDUCATION

SSITS Engineering College	**Andhra Pradesh, IN**
Bachelor of Engineering in Computer Science – 76.56%	*DEC 2020 – May 2024*
ANM&BR Junior College	**Andhra Pradesh, IN**
Board of Intermediate Education – 58%	*Jun 2018 – May 2020*

TECHNICAL SKILLS

Programming Languages	:	Java, JavaScript, Basic of Python
Frontend Technologies	:	HTML, CSS, Bootstrap, Reactjs
Version Control	:	Git, GitHub
Database Management	:	MySQL
Tools & IDEs	:	VS Code, IntelliJ IDEA, Eclipse, MySQL Workbench
Operating Systems	:	Windows, Linux
Soft Skills	:	Adaptability, Problem-Solving, Communication skills, Time Management

INTERNSHIP

Community Service Project (JNTUA)
- Promoted awareness about the importance of internet usage in rural areas.
- Engaged with local communities to explain the benefits of digital access.
- Collaborated with JNTUA to organize informative sessions and outreach programs.

Python Programming Internship (Sri Vensy Technologies Pvt. Ltd.)
- Developed hands-on experience in Python programming and problem-solving.
- Worked on real-world projects, improving coding efficiency and logical thinking.
- Gained knowledge in debugging, scripting, and application development.

Data Science Internship (SkillDzire)
- Learned fundamental concepts of data science, including data analysis and visualization.
- Worked on practical projects involving statistical models and machine learning.
- Developed skills in handling large datasets and extracting meaningful insights.

PROJECTS

Educational Hub | *HTML, CSS, JavaScript*
- Implemented interactive features, including dynamic content, intuitive navigation, and interactive forms, to improve user experience.
- Optimized performance and mobile responsiveness, ensuring seamless functionality across devices.
- Utilized **Git** and **GitHub** for version control, ensuring efficient collaboration and project management.

Delicious Recipes | *HTML, CSS*
- Implemented structured recipe pages with easy navigation and clear categorization, enhancing user experience and accessibility.
- Developed responsive layouts using CSS media queries to ensure seamless functionality across various screen sizes.

Road Accident Prediction and Analysis | *HTML, CSS, JavaScript, Python, MYSQL, Matplotlib*
- Developed an interactive, data-driven web application to analyse and predict road accidents.
- Implemented **Python** and **MySQL** for backend data processing and storage, ensuring seamless functionality.
- Used **Matplotlib** for visualizing accident data, enabling clear pattern recognition and predictive insights.

ACHIEVEMENTS & CERTIFICATIONS

- I have completed extensive training in **Java Full Stack Development** from Besant Technologies.
- Certified in **MySQL** from Scaler Academy, reflecting a strong foundation in database operations and analytical skills.
- **Cloud Computing** Certificate course completion on NPTEL with Elite.
- Participated in **Bug Smashers** a competitive debugging event.