

DILEEP KUMAR ARUMULLA

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OBJECTIVE

A highly motivated and recent graduate with a Bachelor's degree in Electronic and Communication Engineering, equipped with a strong foundation in software development and testing. Proficient in Python, OOPS, SQL, DBMS, HTML, CSS, JavaScript. I am eager to leverage my skills and knowledge to contribute effectively to a dynamic and collaborative environment in software development and testing. I am committed to continuous learning and professional growth, aiming to make impactful contributions while expanding my expertise in the field.

EDUCATION

Vardhaman College of Engineering 2021 - 2024

B.Tech in Electronic and Communication Engineering | CGPA: 7.89

Govt Polytechnic Nizamabad 2018 - 2021

Diploma in Electronic and Communication Engineering | CGPA: 7.7

SKILLS

Technical Skills	Python, Java(basics), OOPS, SQL(MySQL), HTML, CSS, JavaScript.
Tools/Technologies	Git, Uipath, MATLAB, VsCode, Netlify.
Soft Skills	Excellent Communication oral and written, Critical Thinking, Problem-Solving
Familiar	Machine learning, Data Science
Operating System	Basic knowledge and interest in working on Linux.

EXPERIENCE

Lets Grow More | Data Science oct 2023
online

- Applied comprehensive Data cleaning techniques and effectively implemented a range of machine learning algorithms for enhanced analysis.
- Conducted thorough algorithm comparisons, leveraging performance metrics to identify strengths.
- Enhanced understanding by simplifying complex learning algorithms through intuitive visualizations.

PROJECTS

Enhanced Semantic Communication in 6G Networks Using DCGAN.

Tech Stack: Matlab, Neural Network Toolbox, Computer Vision Toolbox, Deep Learning Toolbox, Visualization.

- This project revolutionizes communication by prioritizing semantic essence, leveraging AI in 6G networks for efficient picture transmission.
- It conserves bandwidth through segmentation maps, pioneering multimedia transfer via semantic communication. [\(Try it here\)](#)

Software Project Estimation Using Machine Learning.

Tech Stack: Python, sciKitLearn, NumPy, Pandas, Matplotlib, mpltoolkits,mplot3d.

- Improving software project estimates by investigating ML techniques, accurately predicting team size and costs through analogous estimation.
- Improved project planning, optimizing resource allocation for enhanced efficiency.
- Technology used Python Tool VsCode. [\(Try it here\)](#)

CERTIFICATES

- Java Full Stack, Wipro [Link](#)
- Data Science [Link](#)

PUBLICATIONS

Software Project Estimation Using Machine Learning. [Link](#)
2nd International Conference on Futuristic Technologies (INCOFT).