KUMMURU SAI MUKESH

| mukesh.kummuru@gmail.com | | +91 9652561098 | | linkedin.com/in/mukesh-kummuru-b25b6429b/ |
| github.com/Mukeshkummuru | | Nawabpeta, Nellore | | https://mukeshportfolio-wheat.vercel.app/ |

PROFILE

Full-stack web developer skilled in Python, React.js, Node.js, Express.js, MongoDB, and SQL, passionate about building scalable applications. Adaptable in fast-paced environments, collaborating with teams to drive innovation and value. Committed to continuous learning, professional excellence, and delivering high-quality solutions. Strong problem-solving skills with a focus on data integrity and business impact.

WORK EXPERIENCE

Organization: National Remote Sensing Centre (NRSC), ISRO

Project Title: Spatio-Temporal Gap Filling of Satellite-based Evapotranspiration Data

Employment Type: INTERNSHIP

- Technologies Used: Python, QGIS, Bhuvan
- Libraries Used: Rasterio, NumPy, Matplotlib, Pandas, Dask
- Developed and implemented a spatio-temporal gap filling algorithm to handle missing data in satellite-based evapotranspiration datasets.
- Processed large-scale 10 years satellite data, improving computational efficiency using the Dask library for parallel processing and big data handling.
- Applied spatial and temporal interpolation methods to fill the missing values in the satellite data

PROJECTS

Project Title: GANGS - eCommerce Website Development

- Technologies Used: React.js, Node.js, Express.js, MongoDB
- Developed a full-stack eCommerce website with a custom REST API and dynamic product display.
- Created a custom REST API with product data, multiple images per product.
- Built interactive features like image sliders, expandable product details, and address management.
- Designed an address management system with selectable, editable, and removable addresses.
- Designed and managed a MongoDB database for storing products, user data.

Project Title: Portfolio Website Development

- Technologies Used: React.js, HTML, CSS, JavaScript
- Developed and maintained user friendly website, build on HTML and CSS for structure and styling, Javascript for functionality using React.js for better compatibility.

SKILLS

Python	JavaScript	React.js
HTML&CSS	Data visualization	Express.js
SQL	Power BI	Node.js
MongoDB	MERN stack	

COURSES & CERTIFICATIONS

- Engaged in a Full stack web-development internship program at the International Institute of Digital Technologies.
- Certified by IABAC in Data Science Foundation.

EDUCATION

Bachelor of Technology(CSE), Audisankara Institute of Technology - **7.27 CGPA**	2020 - 2024
Intermediate(MPC), Narayana Jr College - **8.48 CGPA**	2018 - 2020
SSC, Ravindra Bharathi School - **9.0 GPA**	2017 - 2018

INTERESTS

Music, Cricket, Photography, Editing