MALLIKARJUN GOPAL BAJANTRI

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GitHub: https://github.com/mallu771 | **Portfolio**: https://mallikarjun-portfolio-app.vercel.app/

CAREER OBJECTIVE

To leverage 2.3 years of hand-on experience in software development to contribute to a dynamic team in delivering scalable and innovative solutions. Seeking to apply expertise in developing field to tackle challenges and drive continuous improvement in software development practices.

PROFESSIONAL WORK EXPERIENCE

GLOBAL WEATHER DASHBOARD   SDSC SHAR ISRO | March 2023 – June 2025

- Centralized Real-time weather monitoring dashboard web application and a common archival system is developed to bring all the information from various Meteorological sensors under single portal.
- Scripts were developed to acquire the data from MET sensors and store the data in database.
- Various screens related to display of live, historical and data analytics screens.
- Global weather data is acquired from various Meteorological sites and archive the data, images in database which is related to Satellite Images, derived products from Meteorological satellites, DWR Images from network of stations.
- Surface and Launch Commit Criteria data generation is automated using sensors data stored in database.

WEATHER VISUALIZER   PERSONAL PROJECT

- A full-stack weather app showing real-time temperature and humidity graphs.
- Stack: React, Express, MongoDB, -Highcharts, Axios
- Features: Live data fetch, responsive design, deployment using Render + Vercel

TECHNICAL SKILLS

- **Languages & Frameworks:** Java, Python, JavaScript(HighChart Library), JSP, JDBC, HTML5, CSS3
- **Frontend:** Bootstrap, jQuery, AJAX, JSON, React Components, React Hooks Redux Toolkit, React Router, Context API
- **Backend:** Node.js, Express.js, Java Servlets, Python Libraries(Request, PIL), MySQL, MongoDB
- **Testing & Debugging:** Jest, React Testing Library
- **DevOps & Tools:** Git, GitHub, Jira, CI/CD pipelines (GitHub Actions), npm, ESLint
- **API Integration**: REST APIs, Fetch, Axios
- **Agile Practices:** Sprint Planning, Daily Standups, Scrum

CERTIFICATIONS

- Java full stack development course from Jspider Training Institute.

EDUCATIONAL PROFILE

KLE College of Engineering and Technology Chikodi, Karnataka | Bachelor of Engineering   **2017-2021**
- Cumulative GPA:- 8.3/10