

MALLIKARJUN GOPAL BAJANTRI

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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.

WORK EXPERIENCE

SOFTWARE DEVELOPER

Transvision Software and Data Solutions Pvt. Ltd. | Bengaluru | March 2023 – June 2025

- Developed and maintained an **Inventory Management System** using **Python, Java, and JavaScript**, improving operational efficiency and data accuracy.
- Collaborated with the **ISRO** team to gather requirements and build scalable backend solutions aligned with mission-critical objectives.
- Implemented **CI/CD pipelines** and followed **Git version control**, improving code quality and deployment frequency.
- Authored detailed technical documentation covering architecture, design, and deployment workflows to streamline team collaboration and onboarding.
- Built internal dashboards using **React** and **Bootstrap** for real-time visualization of KPIs and inventory data.
- Actively participated in **Agile ceremonies**, including sprint planning and code reviews, contributing to faster and more organized development cycles.

PROJECT

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

- Centralized Real-time weather monitoring dash board 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 were developed.
- 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.

TECHNICAL SKILLS

- Languages & Frameworks:** Java, Python, JavaScript(HighChart Library), JSP, JDBC, HTML5, CSS3

- **Frontend:** Bootstrap, jQuery, AJAX, JSON, Redux Toolkit, React Router, Context API, Axios
 - **Backend:** Express.js, Java Servlets
 - **Python Libraries:** io.BytesIO, base64, sys, re for scripting and automation
 - **Image processing with Pillow (PIL)** – format conversion (e.g., PNG to JPG), resizing, encoding, and manipulation
 - **Database:** MySQL, MongoDB
 - **Testing & Debugging:** Jest, React Testing Library
 - **DevOps & Tools:** Git, GitHub, Jira, CI/CD pipelines (GitHub Actions, basic Docker usage), npm, ESLint
 - **API Integration:** REST APIs, Fetch, Axios
 - **State Management:** useState, useEffect, useReducer, useContext
 - **Agile Practices:** Sprint Planning, Daily Standups, Scrum
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CERTIFICATIONS

- Java full stack development course from Jspider Training Institute.
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EDUCATIONAL PROFILE

KLE College of Engineering and Technology Chikodi, Karnataka | Bachelor of Engineering

2017-2021

- Cumulative GPA:- 8.3/10