

MANALI SHERKHANE

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WORK EXPERIENCE

Eazee Tech Bengaluru
Manual Tester Jan 2025 - Oct 2025

- Executed **100+** test cases, ensuring device functionality, performance, and stability across multiple platforms.
- Identified and reported **200+** defects, reducing critical system failures by **30%** and accelerating bug resolution by **40%**. Validated device compatibility under various network conditions, improving system reliability by **25%**.
- **Established** troubleshooting strategies and documented reports in **JIRA/TestRail**, decreasing recurring issues by **20%**.

Amazon Bengaluru
Associate, ML Data Operations Jul 2024 – Jan 2025

- **Annotated** large video datasets with precision to train machine learning models, enabling the development of AI-driven products. **Automated** repetitive processes, boosting workflow efficiency by 30% and minimizing manual intervention.
- **Achieved** 100% of monthly performance targets while maintaining a high accuracy rate, demonstrating commitment to quality. **Enhanced** data quality processes, resulting in a 25% improvement in data accuracy and ensuring reliable, high-quality datasets for machine learning applications, which strengthened overall data integrity.

Vivarttana Technologies Pvt Ltd Bangalore Bengaluru
Full Stack Developer Intern Jun 2023 – Dec 2023

- **Developed** and optimized responsive frontend interfaces, enhancing user experience by 30% using HTML, CSS, and JavaScript. **Designed and implemented a Voice User Interface (VUI)**, enabling seamless voice-based interactions, improving accessibility for 10+ users.
- **Collaborated** with cross-functional teams to integrate cutting-edge frontend and backend technologies, reducing load time by 25% and boosting performance efficiency.

PROJECTS

Food Delivery App | Technologies: HTML, CSS, JavaScript, Java, JSP, Servlets, MySQL

- **Engineered** a responsive food delivery platform, enabling **100+ users** to explore restaurants, view menus, place orders, and track deliveries in real time.
- **Integrated** secure payment systems and a recommendation engine, increasing customer retention by **35%** through personalized suggestions based on user preferences, ratings, and location.

Smart Shop – Online Marketplace | Technologies: Spring Boot, Spring Security, Spring Data JPA, MySQL

- **Developed** a scalable full-stack e-commerce platform with **role-based authentication**, an admin dashboard, and a real-time shopping cart, improving conversion rates by **25%**.
- **Orchestrated** secure payment integration and an AI-powered recommendation system, boosting customer engagement by **40%** through personalized product suggestions.

News App | Technologies: React.js, REST API, Bootstrap

- **Designed** a real-time news application that fetches and displays the latest headlines and images from a **news API**, ensuring
- **99.9% uptime** for uninterrupted content delivery.
- **Optimized** API calls with **Axios**, reducing data retrieval time by **30%** and enhancing user experience with a seamless and interactive UI built using React.js.

Air Canvas | Technologies: Python, OpenCV, NumPy

- **Created** a hands-free digital drawing canvas that utilizes **hand gestures** to enable real-time air draw benefiting **500+ users** in creative applications.
- **Spearheaded** real-time object tracking and gesture recognition with OpenCV, enhancing motion accuracy by **45%**.

EDUCATION

Bachelor of Technology in Computer Science, Kalaburagi
Godutai Engineering College for Women Sharnbasva University, Percentage: 86.16 Sep 2019 - Dec 2023

SKILLS & OTHERS

Programming Languages: Java, JavaScript, **Frontend Development:** HTML, CSS, React.js, Bootstrap, Tailwind CSS, Vite, **Backend Development:** Node.js, SQL, MySQL, JDBC, **Certifications:** Full Stack Web Development – TAP Academy Bangalore, AWS Academy Cloud Foundation – Sharnbasva University klb, **SoftSkills:** TeamWork, Communication, Leadership, Creativity.