**TEJA REDDY PALLE**
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## SUMMARY

Results-driven QA Engineer and hybrid Business Analyst with over **3+ years of experience** in **automation testing**, **API validation**, and **requirement analysis** across enterprise and academic settings. Skilled in **Selenium (Java)**, **Guidewire Policy Center**, and **Agile methodologies**, with a strong ability to bridge business goals and technical execution. Proven track record in enhancing test coverage, streamlining QA processes, and delivering user-focused software solutions.

## EDUCATION

**Southeast Missouri State University** | Cape Girardeau, MO                **Aug 2023 – May 2025**
*Masters in Computer Science*                                                                     **GPA: 3.90 / 4.00**
**Vignana Bharathi Institute of Technology** | Hyderabad, India           **Aug 2017 – July 2021**
*Bachelor of Engineering in Electronics and Communications Engineering*        **GPA: 6.95 / 10.0**

## EXPERIENCE

**Quality Assurance**                                                                          **April 2024 – May 2025**
*Southeast Missouri State University – Missouri, United States*
➢ Automated **UI and regression tests** using **Selenium WebDriver (Java)**, cutting manual effort by **60%**.
➢ Logged **50+ defects** in **JIRA**, boosting usability for over **10,000 users**.
➢ Conducted **cross-browser testing** and supported **API validation** with **Postman**.
➢ Worked in **Agile sprints** with SEMO's IT team, increasing **test coverage** by **40%**.

**Senior Analyst / Senior Software Engineer**                                      **Sept 2021 – July 2023**
*Capgemini | Hyderabad, India*
➢ Worked as a **QA Automation Engineer** and **hybrid Business Analyst** on **Guidewire Policy Center** project **USAA**, focusing on **UI automation (Selenium – Java)** and **API testing (Postman)**.
➢ Gathered and analyzed requirements, created **BRDs/FRSs**, and mapped them to test cases to ensure full coverage.
➢ Performed **manual/automation testing** and verified **Kafka messaging queues, other payloads** and **rating logic**.
➢ Participated in **UAT**, **Agile ceremonies**, and **client demos** while managing test artifacts via **Q-Test** and **JIRA**.

**Entrepreneurship Intern – Product Innovation (KisanMate)**            **Aug 2019 – Sept 2020**
**ISB & Telangana Govt. (TASK)** – Hyderabad, India
**Role:** *Business Analyst & Product Designer*
➢ Developed **KisanMate**, a ground-level pesticide spraying rover to reduce farmer exposure and fatalities.
➢ Identified drone limitations and led the **design and prototyping** of a **remote-controlled rover** for targeted spraying.
➢ Conducted **field research** with farmers to validate the solution's practicality and usability.
➢ Presented to **ISB faculty** and **TASK Telangana**, earning praise for **innovation** and **social impact**.

## PROJECTS

**Student Habit Analyzer**                                                          **Jan 2024 – May 2024**
**Technologies Used:** HTML, CSS, JavaScript

⊘ [GitHub Repository](#)

➢ Built a **web application** to help students **track and analyze** study habits for self-improvement.
➢ Designed an intuitive **UI/UX** for logging sessions by subject, time, and duration to identify patterns.
➢ Implemented interactive features using **JavaScript** for dynamic data handling and responsiveness.
➢ Conducted thorough **manual testing** to ensure **cross-browser compatibility** and bug-free performance.

**Bandwidth Enhancement of Microstrip Patch Antenna**                  **Aug 2020 – Jun 2021**
**Technologies Used:** Ansys HFSS

➢ Designed a **dual-band microstrip patch antenna** in **Ansys HFSS** using slot-loaded techniques for bandwidth enhancement.
➢ Achieved resonance at **3.48 GHz** and **5.25 GHz**, supporting **WLAN, WiMAX, and automotive radar**.
➢ Analyzed **S11**, **VSWR**, and **radiation patterns** through simulation to optimize antenna performance.
➢ Documented results with **3D radiation plots** and collaborated with mentors on academic RF research.

## CERTIFICATIONS

➢ **Technical Entrepreneur** – ISB, Hyderabad (2019–2020)
➢ **QEA & T QA Automation Level 1** – Capgemini (2022)
➢ **Certified Star Performer (Rising Star)** – Capgemini (2022)
➢ **API Testing a Real Web Application via Postman** – Coursera (2021)
➢ **CCNA Routing and Switching – Introduction to Networks** – Cisco (2019)
➢ **CCNA Routing and Switching – Routing & Switching Essentials** – Cisco (2019)

## SKILLS

**Business Analysis:** Requirement Gathering, BRD/FRS Documentation, Stakeholder Communication, UAT Coordination, User Stories, Use Cases, Agile Scrum, Impact Analysis
**QA & Automation:** Selenium (Java), TestNG, JUnit, Postman, REST API Testing, Regression & Integration Testing, SQL Validation, Kafka, Guidewire Policy Center, Manual Testing
**Web & Programming:** HTML, CSS, JavaScript, SQL, JSON, Eclipse, Visual Studio Code
**Tools & Platforms:** JIRA, Q-Test, Git, Ansys HFSS, Microsoft Office Suite
**Soft Skills**: Client Communication, Analytical Thinking, Team Leadership, Documentation, Agile Collaboration, Problem Solving