# Shwetha S.

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## *Objective*

Motivated BCA graduate with a strong focus on software quality assurance, test automation, and DevOps principles, aiming to contribute to scalable tech solutions in areas like **data analysis**, **data visualization**, **machine learning**, **AI**, **NLP**, **computer vision**, **cloud computing**, and **full-stack development**.

## *Education*

**Bachelor of Computer Applications (BCA)**
LMN University, Hyderabad - 2023
CGPA: 8.9/10

## *Skills*

- **Programming Languages**: **Python**, **Java**, **C++**, **JavaScript**, **HTML**, **CSS**

- **Databases**: **MySQL**, **MongoDB**, **SQL**

- **Software Development**: **Unit Testing**, **Selenium**, **Docker**, **Git**, **GitHub**, **Jira**, **Agile**, **Scrum**

- **Cloud Platforms**: **AWS**, **Azure**, **GCP**, **Firebase**

- **Data**: **Data Analysis**, **Data Visualization**, **Excel**, **Power BI**, **Tableau**, **ETL**

- **Machine Learning & AI**: **Machine Learning**, **AI**, **NLP**, **Computer Vision**

- **Web Technologies**: **React**, **Flask**, **Backend Development**, **Frontend Development**, **Full-Stack Development**

- **Other Tools**: **JSON**, **XML**, **REST API**, **Linux**, **Bash,**

- **Core Competencies**: **Problem Solving**, **Communication**, **Teamwork**, **Time Management**, **OOP**, **DBMS**, **System Design**

## *Projects*

- **DevOps CI/CD Pipeline for Node App**:
  Used **GitHub Actions** and **Docker** for automated deployment to **AWS**

**EC2**. Monitored builds and implemented alerting on failure, leveraging cloud-based DevOps practices.

- **Bug Tracker App**:
Designed using **Flask** with a **MySQL** backend and **role-based login**. Integrated a testing suite and team dashboard with task updates to manage project workflows effectively. Utilized **Agile** methodologies for development and testing.

## *Languages*

- **English** (Fluent), **Telugu** (Native), **Hindi** (Fluent)

## *Interests*

Open-source **QA automation**, **UI/UX prototyping**, **Mentoring juniors**, and staying updated with the latest technologies in **data science**, **cloud computing**, and **machine learning**.

## *Key Strengths*

- Strong debugging skills

- Systematic approach to problem-solving

- Reliable and responsible under pressure

- Fast learner, especially in emerging technologies

- Excellent **time management**, **teamwork**, and **communication** skills