Joshila Gubbala

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EDUCATION

➢ **Western Illinois University**   **Macomb, IL**
  Master of Science in Computer Science   **2022 - 2023**
  Relevant Coursework: CN, Computer Architecture, AI, Advanced AI, Computer Graphics, Advanced CN, Advanced Database Management Systems, Natural Language Processing, Operating Systems

➢ **St. Martin's Engineering College**   **Hyderabad, IND**
  Bachelor of Technology in Computer Science Engineering   **2016 - 2020**
  Relevant Coursework: C++, C, Relational Databases, Object-Relational Mapping(ORM), Object-Oriented Programming(OOP), Java, Data Structures, SOA, Object-Oriented Design, Design Patterns, Web Development, Web Applications, Cloud Computing, Agile/Scrum development Methodology, SDLC.

TECHNICAL SKILLS

- **Languages:** Python, C++, C#, Java, React, JavaScript, SQL, TypeScript, MS SQL, MySQL, PHP, UI, NPM
- **Client-Side Technology:** HTML5, CSS, SASS, SCSS, DOM, RxJS, Angular, JSP, ExpressJS, NextJS, Bootstrap
- **Operating Systems:** Windows, UNIX, LINUX, Microsoft Office Suite(Word, Excel, Powerpoint)
- **Cloud, CI/CD Technologies:** Kubernetes, AWS-[S3,SQS], IAM, Google Cloud Platform(GCP), Azure, Docker,
- **Version Control:** Git, GitHub, Bitbucket,
- **Testing Tools:** JUnit, Jmeter
- **Server-Side Technologies**: J2EE, Spring MVC, JDBC, Spring Boot, SOAP, JDBC, RESTful APIs, Web API, Graph QL, Apache Tomcat, Microservices, Kafka, XML, JSON, NodeJS, JQuery, AJAX,
- **IDE Tools:** Jira, Visual Studio Code, Atom, Jupyter, Grafana, NotePad++, Eclipse, IntelliJ, Bootstrap, PyCharm,

PROJECTS

➢ **Distributed cloud computing with K8S -** *Kubernetes, Docker, Jenkins, Ansible, Spring Boot*   **Jan 2021**
- Developed microservices in Spring Boot and Kafka to monitor weather conditions and enable users to set up weather alerts.
- Automated build processes with Jenkins pipelines and containerized services using Docker, maintaining a private image repository.
- Configured a high-availability Kubernetes (K8S) cluster on AWS using Ansible playbooks, successfully deploying the application.

➢ **Virtual Mouse Implementation Using Open CV**   **May 2020**
- Introduced a revolutionary system that empowers users to interact with their computers using hand gestures(image processing) - a virtual mouse eliminating the need for traditional hardware.
- Utilized camera-based hand tracking technology for an intuitive and natural user interface.

➢ **Medicine Shoppe Application -** *Spring MVC, JDBC, Hibernate, MySQL, HTML, SCSS,* JS   **Mar 2020**
- Created an online pharmacy store web app enabling medicine orders via prescription uploads.
- Implemented Spring Security for access control, ensuring secure transactions and delivery of medicines.

➢ **Apartment Management System -** *Bitbucket, Django, CSS, JavaScript, HTML, MySQL, Python*   **December 2019**
- Modernized event planning for tenants by enabling them to create and vote in polls.

CERTIFICATIONS

➢ **Walmart Advanced Software Engineering virtual experience program on Forage**   **Summer 2023**
- Gained expertise in advanced data structures, software architecture, relational database design, and data munging.

➢ **J.P. Morgan Software Engineering virtual experience program on Forage**   **Summer 2023**
- Acquired practical expertise in integrating stock price data feeds, leveraging J.P. Morgan Chase & Co. frameworks and tools, effectively visualizing data for traders.

➢ **SQL and Relational Databases 101 by IBM**   **Summer 2023**
- DB0101EN Certificate   **Validation Number:** f919e6b3a37f4bab9c662ab315dd86f9

➢ **Python 101 for Data Science by IBM**   **Spring 2023**
- PY0101EN Certificate   **Validation Number:** 9cb0d1730df646edbc3ef99c3c330272