

Vasavi Gannina

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[LinkedIn/In/Vasavi](#)

Education:

Master of Science in **Computer and Information Sciences**
Oklahoma State University

August 2022 – May 2024

Bachelor of Technology in **Computer Science**
K L University

June 2018 – May 2022

Technical Skills:

- **Programming Languages:** Python, C-Sharp, C, SQL, Java
- **Web Development:** HTML, CSS
- **Frameworks:** Django
- **Game Development:** Unity 3D
- **Database Management:** MySQL, SQLite
- **Software Proficiency:** MS Word, MS Excel

Work Experience:

Oklahoma State University

January 2024 – May 2024

Graduate Research Assistant

- Developed and enhanced virtual and mixed reality simulations using Unity 3D, optimizing performance.
- Implemented innovative solutions resulting in a 20% reduction in development time for simulation projects.
- Added to the publication of three research papers, showcasing expertise in technology and applications.
- Collaborated with interdisciplinary teams to integrate user feedback, improving simulation usability by 25%.
- Applied advanced statistical analysis techniques to analyze simulation data.

Indian Servers

May 2020 – August 2020

Machine Learning Intern

- Operated machine learning algorithms to real-world datasets, boosting predictive accuracy by 20%.
- Conducted comprehensive data analysis, identifying trends and patterns to inform decision-making processes.
- Cooperated with cross-functional teams to deploy machine learning models into production, enhancing operational efficiency by 15%.
- Presented findings and insights to stakeholders, facilitating informed discussions and driving strategic initiatives.

PROJECTS:

An Incentive-Based 3D Training for Nasopharyngeal Swab Training

June 2023 – July 2023

- Designed and executed a state-of-the-art 3D training program for nurses using Unity 3D and Hololens.
- Increased engagement metrics by 40%, enhancing learning outcomes and retention rates.
- Received national recognition for innovation, establishing a new benchmark in healthcare education.
- Elevated standards in healthcare training, setting a precedent for future educational tools in the industry.

Certifications:

- Certified Data Analyst
- Certified Aviatix Engineer, Aviatix
- Completed Secure Software Design Specialization, University of Colorado
- Earned IBM Data Science Specialization, IBM
- Achieved CCNA in Switching, Routing, and Wireless Essentials, Cisco
- Attained Automation Anywhere Certified Advanced RPA Professional (V11.0) Certification