

Mohammad Shahid Shaik

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Summary

Aspiring Computer Science graduate with a strong foundation in programming, software technologies, and a keen interest in business intelligence and system administration. Seeking a summer internship to apply my technical skills in real-world scenarios, particularly in automation, analytics, and Linux systems.

Education

Master of Science in Computer, Oklahoma State University - Stillwater, OK Current GPA : 3.5/4 **Exp' May 2025**
Bachelor of Engineering in Electrical and Electronics, Vignan's Foundation for Science, Technology & Research – India
GPA : 8.3/10 **Aug 2022**

Work Experience

Teaching Assistant | Physics Department, Oklahoma State University **Jan 2024 – May 2024**

- Facilitate undergraduate physics labs and assist in preparing and grading assignments.
- Provide guidance and support to students, enhancing their understanding of complex physics concepts.
- Collaborate with faculty members to develop effective teaching strategies and materials.

Software Prototype Developer, Oklahoma State University **Aug 2023 - Present**

- Engaged in "A Low-Cost Hybrid Environment" project, focusing on occupant comfort and energy efficiency.
- Developed a Python-based system for measuring electricity consumption and crafted a user interface for data visualization.
- Successfully integrated the software and UI, facilitating real-time energy usage tracking.

Lab Assistant, VFSTR Guntur - India **Aug 2021 – May 2022**

- Managed and maintained computer systems and student servers, ensuring optimal performance and security.

Publication

Energy Meter Monitoring system Using IOT

- Designed a hardware device which detect the energy used by different appliances.
- This device generate the bills according to the energy consumption at a given rate per unit.

<https://www.publishoa.com/index.php/journal/article/view/192>

May 2022

Projects

Business Intelligence Analytics Project:

Nov 2023

- Developed a SQL tool for analyzing retail sales, featuring a user-friendly interface for data analysis and reporting.
- Utilized advanced queries to extract insights and support business decision-making.

3D Printer

Mar 2021

- A printer that can print 3D models using polylactic acid filament has been created.
- it takes a 3D CAD model as input and outputs a 3D physical model. Made with 11,0000 Indian rupees (\$135.00).

AI-Based Home Automation

Mar 2020

- Developed a voice-activated automation that operates autonomously and can control all home appliances.
- This automation can also provide security by alerting owners to house intrusions and accidental damage.

Technical Skills

Programming Languages: SQL, Python, Java, C, C++, C#, OOP.

Scripting Languages: HTML, CSS, react.js, node.js.

Tools & Technologies: Microsoft Office Suite, IoT Development (NodeMCU, Relays, PCB design), Math Lab, Computer Vision, Object Detection, Machine Learning, SQL Server, Power BI.

Extra-curricular Activities

- Chief organizer NSS , VFSTR, India **Aug 2020-May 2021**
- Chief coordinator of Digital Marketing team VU Sac, VFSTR, India **Oct 2020-Aug 2021**
- Event coordinator VU Sac, VFSTR, India **Oct 2019-Aug 2021**