

## CONTACT

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### **EDUCATION**

# 2021- May 2025 ILLINOIS STATE UNIVERSITY

- Bachelor Applied science and Technology in Computer Science
- GPA- 3.6

## SKILLS

- Java
- React
- Javascript
- Bootstrap
- HTML
- Wordpress
- SQL
- CSS
- C++
- Github
- Agile
- Scrum

## LANGUAGES

- English: Fluent
- · Swahili: Fluent
- Gujarati: Fluent
- · Hindi: Fluent

# GITHUB



#### sptailor.github.io/Portfolio

## EXPERIENCE

#### **Front-end Projects**

2022-PRESENT

- Collaborated with a team to design, develop, and deploy a realty website for a client, ensuring the website met business requirements and delivered a seamless user experience.
- Created a dynamic personal portfolio using JavaScript, HTML, and CSS to highlight projects and academic milestones.
- Engineered multiple responsive and interactive websites as part of coursework, demonstrating cross-device compatibility and W3C-compliant code.

#### **Back-end Projects**

2021-Present

- Implemented advanced sorting algorithms, binary trees, and disjoint sets using C++ for optimised data processing and management.
- Developed enterprise-level backend solutions in Java, showcasing deep expertise in API development, multithreading, and data storage
- Designed a pickleball scheduling application leveraging Java and Scrum methodology, including the creation of a Software Requirements Specification (SRS) and iterative development to ensure seamless team collaboration and project success.

#### Illinois State Solar Car Team

2022 - 2024

#### Member

- Enhanced skills on micro-controllers to link software to hardware on a solar powered car.
- Diagnosed and resolved technical hardware and software issues.

# Illinois State Vertical Rocket Landing Team

2022 - 2023

2022 - Current

#### Vice-president

- Assembled and calibrated a model rocket in a landing competition arranged by US Department of State
- Ran simulations on software to provide feedback and make adjustments

## Event management, hospitality and dining

Student worker

- Trained staff in job roles, business policies and industry's best practices.
- · Engaged with customers and provided necessary services.

# **Technology Assistance Community Outreach** 2022 - 2023 Volunteer

- Guided users through step-by-step solutions following predetermined scripts and technical troubleshooting procedures.
- Identified and resolved issues using software and hardware.