# SHUBHANGI HEDA

ASPIRING STEM STUDENT

## CONTACT

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## PROFILE

- Aspiring engineer passionate about innovation, technology, and problem-solving.
- Driven to create impactful solutions and eventually launch a STEM-focused business.
- Skilled in leadership, collaboration, communication, and project management through hands-on experiences.

## SKILLS

Web Development
Basic MS Office
Leadership
Communication
STEM Research
Technical Documentation
Problem Solving
Analytical Thinking
Coding in multiple languages
Basic CAD Skills

## AWARDS

**Destination Imagination (DI) Globals Qualifier - Engineering**

- Designed a 30g wooden tower that held 1,100 pounds (16,000 times its own weight)
- Represented the state of Washington at the Globals
- Placed 3rd in WA state
- Other challenges: Pinball machine and rollercoaster
- Demonstrated innovative engineering through teamwork, problem-solving, and creative design.

**VEX IQ Robotics - State Finalist**

- Represented Katy ISD at the state level.
- Robotics design, programming, and engineering strategy.

**FBLA State Finalist - Website Coding & Development**

- State finalist; Ranked 2nd place at FBLA Area competition
- Leveraged technical proficiency, coding, and design skills.

**TSA – Area Competition**

- Ranked 5th for Webmaster
- Ranked 5th place for Data Science & Analytics by analyzing datasets, trends, and data-driven insights.

## EXPERIENCES

**Founder, Foundify** - Lost & Found Platform

- Designed and developed a full-stack web application to help students report, match, and recover lost items.
- Key features: Secure authentication, admin dashboard, database integration & automated email notifications.
- Utilized React, Next.js, Node.js, MongoDB, and responsive design principles.

**CTO, Mindful Memories Initiative**

- Lead technology aspects to develop digital solutions for the initiative and collaborate with team members to implement technology strategies that support our goals.
- Design and develop a website to improve accessibility, communication, and outreach.

**Co-Founder, NextGen Finance**

- Co-founded a student-led initiative focused on increasing financial literacy among younger students.
- Created engaging educational resources and interactive lessons covering budgeting, savings & related decision-making.

**Operations Director & Former Freshman Representative, FBLA**

- Advanced from Freshman Representative to Operations Director, supporting chapter leadership, communication, and member engagement initiatives.
- Designed, developed, and currently manage the chapter website, a resource used by over 200 students for accessing information, events, and opportunities.
- Collaborate with officers to improve outreach efforts, streamline operations, and increase participation across the chapter.

**Secretary, Aerospace Engineering Club**

- Maintained meeting records, organized documentation, and facilitated communication between club members and leadership.
- Supported the planning and coordination of club activities and engineering projects.

**Communications Officer, Culture Club**

- Managed club communications and promoted events through digital and in-person outreach efforts.
- Helped increase student participation and engagement in cultural awareness activities.

**Chief Technology Officer, Upahara**

- Lead the development of technology solutions for a nonprofit organization supporting underserved communities in India.
- Design and maintain digital platforms that enhance outreach, streamline operations, and help connect resources with those in need.