Shaik Shaheed Basha

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# Education:

**Master of Science in Computer Engineering August 2024-December 2026**

San Diego State University, California

**Bachelor of Technology in Electronics and Communication Engineering August 2019-July 2023** Vidya Jyothi Institute of Technology, Hyderabad, India **GPA:8.59/10.00 Work Experience:**

# Teaching Assistant, San Diego State University January 2025-December 2026 ME-496 Lab

* Conducted lab sessions on Rankine Cycle, Tubular Heat Exchanger, Plate Heat Exchanger, Vibrational Analysis, and Ratio Volumes, guiding students through hands-on experiments.
* Explained theoretical concepts, experimental procedures, and data analysis to enhance students’ understanding of thermodynamics and heat transfer.
* Assisted in troubleshooting lab equipment and ensured adherence to safety protocols.
* Evaluated student performance, provided feedback, and supported instructors in grading lab reports.

**Volunteer, FIRST Robotics Competition San Diego Regional presented by Qualcomm *March 15-18, 2025 | La Jolla, CA***

* Assisted in the smooth execution of the robotics competition by managing team queuing, ensuring adherence to event schedules, and providing support to participants and mentors.
* Collaborated with a diverse team of volunteers and organizers to maintain safety protocols and facilitate a positive experience for over 1,500 high school students and 50 competing teams.
* Contributed to the event's success by assisting with non-technical operations, including crowd management, resource distribution, and fostering an engaging environment for spectators and participants.

# Software Developer, Innova Solutions September 2023-June 2024

* Developed and implemented UI/UX designs based on client requirements using the Angular framework, ensuring responsive and user-friendly interfaces.
* Led a team of Junior developers, coordinating tasks and progress, and served as the primary point of communication between the team and the manager.

# Librarian, TS. Police Academy

* Guided patrons in locating books, research papers, and other materials, ensuring a welcoming and organized library experience.
* Promoted newly available novels and articles, enhancing visibility of fresh content and engaging readers with current library offerings.
* Maintained an orderly library environment to support ease of access and efficient service.

# Co-Curricular Activities:

**Cricket Team Captain**

* + Led school cricket team to victory in an inter-college championship during 11th grade. As captain, I oversaw team tactics, inspired teammates, and refined my ability to make decisions under pressure.

# Volunteer, Run For Joy Marathon Club

* + *Supported Run For Joy events by managing logistics, encouraging participants, and ensuring smooth race-day experiences.*

Gained skills in event organization and teamwork, while promoting fitness within the community.

# Event Organizer, PedalPower Cycling Club

* + *Organized and participated in PedalPower Cycling Club events, including charity rides and local tours.* Assisted in planning routes, securing safety gear, and building camaraderie among members, enhancing community spirit and wellness.

# Student Assistant, VLSI Course

*Final Year of Bachelor's*

* + Supported professor with research tasks related to VLSI design, preparing and organizing slide presentations for Embedded Systems classes aimed at 2nd- and 3rd-year students. Developed strong technical communication skills and a deeper understanding of VLSI and Embedded Systems concepts.

# Front Desk Assistant, Admissions Department *Weekends, Vidya Jyoti Institute of Technology*

* + Acted as the first point of contact for prospective students and families, providing information about admissions procedures and campus programs. Organized informational materials, managed inquiries, and supported the admissions team in coordinating on-campus events, contributing to a welcoming and informative experience for visitors.