Katha Naik

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EDUCATION

Arizona State University   **Expected Graduation: May'26**   **Tempe, AZ**

Bachelor of Science, Computer Science, Data Science

Programs & Awards

- New American Scholarship, $13,000 annual award
- Dean's List for Fall'22, Spring'23, Fall'23 and Spring'24.

Relevant Coursework: Data Structures and Algorithms (CSE310), Probability and Statistics for Engineers (IEE380), Statistical Modeling and Inference for Data Science (DAT401), Exploring Data in R and Python(DAT301).

Technical: Java, C++, AngularJs, HTML, CSS, Python, R, JavaScript, SQL, MySQL, PHP, Data Structures, Canva, Fusion360 (CAD), Unity, ML, TensorFlow, Firebase, MERN Stack, MongoDB, Data Visualization, NLP, Deep Learning.

PROJECT EXPERIENCE

- **MERN Stack Website:** to display statistical data collected using a water quality tester machine for shrimp farming practices in the form of a dashboard.
- **A Data Visualisation Report:** Cleaned raw data to create a report to display all data collected using a water quality tester machine for shrimp farming practices by representing it in a graphical manner.
- **APP4KIDS:** JavaScript application to help toddlers develop their fine motor skills by playing three types of games.
- **Gym Buddy:** AI powered application that can help users plan their workouts and suggests workout based on difficulty level, muscle to be trained and equipment present.

WORK EXPERIENCE

Nucsoft Pvt. Ltd | Software Engineering Intern |June-July 2023

- Collaborated with the development team to design and improve Nucsoft's money management project using Figma, and translated design concepts into functional web interfaces (frontend and backend) with HTML, CSS, and AngularJs.
- Played a pivotal role in ensuring the quality of functional specifications documents through meticulous editing and proofreading.
- Gained valuable insights into database management using Oracle SQL and acquired firsthand experience and understanding of corporate culture, fostering professional growth and adaptability.

Dreamscape Learn, ASU | VR Operator | May 2023- Present

- Cleaning, maintaining, and troubleshooting VR equipment to ensure optimal performance and providing technical support.
- Instructing 500+ students on the proper usage and operation of VR equipment on a weekly basis, managing VR biology course rooms to ensure a conducive learning environment, and training new hires.
- Developed skills in teaching, communication, leadership, and laboratory management.

Arizona State University | Teaching Assistant (Intro to Engineering- FSE 100) | January-May 2023

- Assisted the instructor with classroom activities, including setting up and conducting experiments, and leading group discussions.
- Interacted with a class of 40 students, answering their questions and encouraging them to share their ideas and perspectives.
- Maintained the lab by ensuring equipment was in good working order, organizing materials, and keeping the workspace clean and safe.

Engineering Projects in Community Service (EPICS ASU) | Team Leader | August 2022 - January 2023

- Organized team meetings to discuss project progress and goals, and ensured the team stayed on track with deadlines, making necessary adjustments to achieve project objectives.
- Prototyped an updated UX/UI for the E-Learning platform using Figma.