

# Pranav Kasibhatla

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## EDUCATION

**The University of Texas at Dallas**

May 2025

*Bachelor of Science, Computer Science*

*Overall GPA: 3.56*

**Professional Certificates:** Cisco Data Analytics Certificate

## SKILLS

**Technical Skills:** AWS, Python NLTK, BeautifulSoup4, Java, JavaScript, Python, C++, C#, HTML, CSS, Agile development, GitHub, React.js, Node.js, SQL, Tableau, Product Management, PyTorch, Hugging face

## EXPERIENCE

### Generative AI Extern

*Cognizant*

*June 2024-August 2024*

- Built robust image classification model using PyTorch, **reducing processing time for production model by 45%**
- Refined and optimized in-house image classification models utilizing established architectures such as VGG and AlexNet.
- Adapted various foundational models through techniques like prompt tuning, in-context learning, and parameter-efficient fine-tuning to improve performance and efficiency.

### Business Data analytics and Technology Automation Intern

*Ekal Vidyalaya*

*June 2023-August 2023*

- Generated **10-year linear regression models** to forecast nationwide donor engagement for 8 USA chapters
- Developed API to automatically consolidate credit card and check donations into DonorPerfect (CRM Database)
- Programmed backend matching software to streamline transaction process with database, **reducing processing times by 30%**
- Extracted handwritten text from thousands of checks using **PyTesseract AI** to completely automate manual entry process
- Overlooked tech systems and donation collection for various fundraising events **raising \$500,000 for schools** in rural India

### Machine Learning Software Developer

*Artificial Intelligence Society (AIS).*

*August 2022 - December 2023*

- Implemented policy based deep reinforcement learning model to forecast stock market trends resulting with a ROI of **125%**
- Deployed the application to the cloud using AWS Sagemaker, **reducing model runtime by 55%**
- Presented project to 50 AIS members and 3 AWS representatives to raise interest in stocks and showcase AI

### Software Developer

*Freelance Project*

*July 2022 - November 2022*

- Successfully migrated legacy church software system from VB.net to C# to improve compatibility
- Developed Window's forms-based data entry software, consolidating religious event entries and streamlined management
- Engineered **AWS based cloud model** to improve compatibility and scalability, further reducing maintenance costs by **15%**

## LEADERSHIP EXPERIENCE & ACTIVITIES

### Hindu Swayam Sevak Sangh

**Houston, TX**

*Chapter Youth Leader*

*September 2021 – Present*

- Lead meetings with 20 other Hindu community members to foster unity and raise awareness
- Organize weekly workshops, with exercise, yoga, games, and discussions about our community
- Provided marketing support by hosting monthly functions, increasing average chapter headcount by 12

### National Speech and Debate Association (NSDA)

**Houston, TX**

*Debate Judge/Private Coach*

*September 2021 – Present*

- Evaluated and assessed more than 100 debate rounds encompassing global policy, current events, and critical issues
- Provided 7 HS debaters advanced coaching in public speaking, persuasion, and argumentation
- Leveraged expertise in debate strategies and effective coaching techniques, resulting in competitive success

## AWARDS

**3X Public Forum** National Tournament qualifier & **National Speech and Debate Association** Superior Distinction Award

**3X Texas Forensics Association** State Tournament qualifier & **7X TFA** Debate Tournament champion

**Hindu Swayam Sevak Sangh** National Hindu youth Leadership Award