EDUCATION

Uka Tarsadia University (UTU), Bardoli, Surat—Gujarat   2022-2026
Bachelor of Technology in Computer Science and Engineering   **SGPA: 8.53, CGPA: 7.71**

WORK EXPERIENCE

Research Assistant — University of Cambridge (Remote)   May, 2024-August, 2024
(Mentored by Professor Hong Ge)   https://mlg.eng.cam.ac.uk/hong/

- Merged documentation and main website from Weave and Jekyll into Quarto. Implemented a search system using the jq, allowing cross-site content search.
- Developed a templating system with EJS for pages like Team, making it easy to update data through YML files.
- Implemented a global navigation bar using shell scripts to create and inject HTML templates into the Documentation of Turing's satellite projects, which is being generated using Documenter.jl package.
- Set up GitHub Actions for site generation and deployment, optimizing workflow time from over 1 hour to 1 minute 45 seconds by caching certain folders. Also implemented a versioning system with shell scripts and GitHub Actions.
- **Skills Gained:** Quarto, Shell Scripting, jq, EJS, GitHub Actions, Typescript, Turing.jl
- **Current Work:** Improving MCMCChains.jl package, browser-based tools for probabilistic programming using TypeScript. (2 months remaining)
- You can see my work live here — https://turinglang.org/ and these are my forks — docs & turinglang.github.io

Technical Content Writer — GeeksforGeeks (Remote Internship)   January, 2024-January, 2025

- Published more than 23 Technical Articles and Improved 2 Articles.
- Article Domains: Python (10), C++ (3), Git (3), R (2), Django (1), JavaScript (1), Julia (1), Others (2)
- You can find all my articles here — https://auth.geeksforgeeks.org/user/shravanngoswamii/articles

TECHNICAL PROJECTS

Personal Portfolio Website and Blog — GitHub | HTML, CSS, JavaScript, Firebase, Docusaurus, TypeScript, MDX

- I was maintaining my portfolio website earlier which was solely made with only HTML, CSS, JS and was hosted on Firebase for easy and nice links. This portfolio website is still live on shravangoswami.com, but it's not updated (Merging to Docusaurus is in process).
- It's not an efficient way to maintain a blog with only HTML, CSS and JS, so I am merging my website to Docusaurus — It's a static site generator for Markdown or MDX to static HTML files, Typescript and React is also used in this site for custom pages. This new blog is live at blog.shravangoswami.com, blog branch on GitHub

Social Media Feed App — GitHub | Django, Python, HTML, CSS, JavaScript, SQLite3   4th Sem. — 2024

- Developed a social media website which includes features like user authentication, posting, liking, commenting, searching other users, guest users, and managing user profiles.
- UI is a bit minimalistic because I am not much of a UI designer. This project can be considered as a Backend template.
- This project is solely made by me, I have not followed any YouTube tutorial for making this.

E-Commerce Website — GitHub | Django, Python, HTML, CSS, JavaScript, AJAX   3rd Sem. — 2023

- Developed a full-stack e-commerce clothing website which included user management, inventory management, admin panel.
- I worked quite a nice on UI for this project and also used AJAX for live updating the cart details like products, price, quantity, and many more without reloading the page.
- I've designed the website's UI by myself but relied on Dennis Ivy's YouTube channel for backend implementation.

SKILLS	LINKS	ACHIEVEMENTS
Technical: C++, Python, Julia, HTML, CSS, JS, TypeScript, Shell Scripting (sed, awk, grep, jq), GitHub Actions **Language:** English, Hindi, Greek (Elementary) **Frameworks & Packages:** Django, Quarto, ReactJS, Franklin.jl, Flutter (Learning), Documenter.jl **Tools:** VS Code, Git, Sublime Text **OS Familiarity:** Ubuntu (WSL) & Windows	**GitHub:** shravanngoswamii **LinkedIn:** shravangoswami **CodeForces:** shravanngoswamii **AtCoder:** shravanngoswamii **Blog:** blog.shravangoswami.com **Website** (Not Updated, Merging to Docusaurus is in process): shravangoswami.com	> UTU Shark Tank Winner (2nd Year) > IMO State Level Gold Medal (8th Standard) **OPEN-SOURCE** Part of the Turing.jl team and active in many Julia packages.

Extra-Curricular Interests: Nietzschean and Platonic Philosophy and Films (Fincher, Tarantino, Scorcese, Spielberg)