

SHIVAM SHEKHAR SOY

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EDUCATION

- **Indian Institute of Information Technology, Agartala** 2022 – 2026
Bachelor of Technology - Computer Science & Engineering

TECHNICAL SKILLS

Languages: C, C++, HTML, CSS, JavaScript, TypeScript, SQL, Python, Bash, Go

Frameworks/Libraries: Reactjs, Nextjs, Astro, Tailwind, Expressjs, Prisma, Drizzle, Zustand, Redux

DevTools: Docker, Git, Github, cURL, Postman, Neovim, MongoDB, Postgres, Nodejs, Linux, AWS, Azure, Figma

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management System, System Design.

PROJECTS

- **Stellar Minesite - ISRO Space Exploration Hackathon** August 2024
Developed a Machine Learning driven web platform for analyzing data on mining sites, and generating recommendations.
 - Predicting efficient, sustainable sites using a Random Forest classifier model with **99%**, accuracy.
 - User-friendly interface using Streamlit to allow users to interactively customize their mining site preferences and view ranked recommendations.
 - **Tech Stack:** Streamlit, Numpy, Scikit, Tensorflow, Pandas, Python.
- **MUNSOC NIT Agartala** April 2024
Developed a full-stack blog and CMS for the MUN club of NIT Agartala
 - Increased page impressions with a beautifully designed blog, catering to over **100+** active members.
 - Implemented a **custom text editor for blog writing** and an **admin approval system** for author contributions.
 - **Tech Stack:** Nextjs App Router, ShadcnUI, Tailwind, Zustand, Lucia, Drizzle, Postgres, Typescript, Vercel.
- **Mesua Ferrea** November 2023
Developed a full-stack Food Ordering and Order Management website for a restaurant within the institute.
 - Handles an order influx of **over 100 orders per day**, complete with an Admin Dashboard for efficient restaurant management.
 - Enhanced the restaurant's efficiency by more than 50% with features for food delivery and streamlined order management.
 - **Tech Stack:** Nextjs, Supabase, Tailwind, Prisma, Postgres, NextAuth, Vercel.
- **Watchmenu** March 2022
Built a full-featured command-line application to launch, organize, and manage media with ease.
 - Intuitive **menu interface with dmenu** to browse and play media files effortlessly, enhancing the user experience
 - Integrated history tracking, **YouTube search and play** and seamless integration with various media players.
 - **Tech Stack:** Bash, Dmenu, Rofi, Fzf, Yt-dlp, Awk.
- **Yuki** August 2024
Developed a file hosting service written in Go, focused on simplicity and efficiency.
 - Features include short URL generation for files, **file expiration management using Go routines**, and the ability to block specified MIME types.
 - Built to offer a no-frills file hosting solution, focusing on core functionality without unnecessary extras.
 - **Tech Stack:** Gin, Golang, Go routines, Git.

ACHIEVEMENTS

- Winner of **ISRO Space Exploration Hackathon**. [🔗](#)
- Top 30 ranker in **CodePeak 2023 - IIT Patna & IIT Guwahati** [🔗](#)
- Hackathon finalist for **Ethos - IIT Guwahati** [🔗](#)
- **ACM ICPC 2023 prelims Rank: 1380**