Shivam Shekhar Soy

+91 79798 92527 | shivamshekharsoy@gmail.com | linkedin.com/in/shivam-shekhar-soy | github.com/samisthefbi

EDUCATION

Indian Institute of Information Technology Agartala   Tripura
Bachelor of Technology in Computer Science & Engineering   *2022 – 2026*

EXPERIENCE

Google Summer of Code 2025 Mentee   May 2025 – Sep. 2025
GNU Image Manipulation Program   *Remote*
- Contributed to the development of a new website for GIMP's extension platform
- Implemented GitLab CI pipelines to automate extension validation and metadata page generation
- Built the site with Hugo, delivering a secure, maintainable static site with essential dynamic components

Software Developer Intern   Dec. 2024 – May 2025
Kickoff   *Remote*
- Transformed multiple proof-of-concept features into a production-ready unified dashboard
- Integrated Gong into the system to retrieve & synchronize conference calls & details
- Handled CI/CD pipelines & DigitalOcean Functions for seamless deployment
- Added unit tests using Vitest & React Testing Library on frontend and Pytest in backend

PROJECTS

Ciphera - Secure Messaging App | *Flutter, Matrix, Synapse, Hive, Dio*   Oct. 2024
- Created a Flutter-based multi-platform messaging app during Ethos 2024, awarded 1st Runner-Up position
- Coordinated frontend and backend components to enable robust, realtime chat functionality using Matrix protocol
- Designed and implemented the registration backend, integrating with a Synapse server to support secure account creation and authentication

Stellar Minesite | *Python, Streamlit, Numpy, Scikit, Tensorflow, Pandas*   Aug. 2024
- Developed an ML-driven web platform for mining site data analysis and generating recommendations; Winner of ISRO Space Hackathon, NIT Agartala
- Predicting efficient, sustainable sites using a Random Forest classifier model
- User-friendly interface using Streamlit to allow users to interactively customize their mining site preferences and view ranked recommendations

Yuki - File Hosting Service | *Gin, Golang, Go routines*   Aug. 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

MUNSOC Website | *Nextjs, ShadcnUI, Tailwind, Zustand, DrizzleORM, Postgres, Typescript*   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

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, Bash, Go
Frameworks: Nextjs, React, Node.js, Flask, Django Rest Framework
Developer Tools: 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