SAYANTIKA GHOSH

An aspiring web developer

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EDUCATION

Master of Technology in Smart Manufacturing
Indian Institute of Science, Bangalore

📅 August 2019 – July 2021   📍 CGPA: 8.4

Bachelor of Technology in Biotechnology
Heritage Institute of Technology, Kolkata

📅 August 2015 – June 2019   📍 DGPA: 9.68

CURRENT PROJECTS

Creation of personal profile website
⬡ GitHub   ⬈ Website

- Created using **Next.js**, **Tailwind CSS** and deployed using **Vercel**.

Sudoku Solver API
⬡ GitHub   ⬈ Website   ⬈ Rapid API

- Created a simple solver API for a 9x9 sudoku board using **Node.js**, **Express.js** and **Backtracking** algorithm for getting the solution.
- API has two endpoints one takes a string of the initial board configuration as the body parameter for the post request and the other as the path parameter for the get request and returns the result as a JSON object.
- Available at Rapid API Hub and currently has a popularity of 9 out of 10 and a latency of 653 ms.

Minimalist_theme
⬡ GitHub   ⬈ Website   ⬈ VS Code Marketplace

- Created a dark theme for Visual Studio Code (VS Code) using **Visual Studio Code Extensions (vsce)**.
- Inspired by Monokai Pro theme.
- Available at VS Code Marketplace for installation.

Sudoku Solver
⬡ GitHub   ⬈ Website

- Created a sudoku solver web app for a 9x9 board using **Vanilla Javascript** and **Backtracking** algorithm and designed using **Bootstrap**.

IMDb UI Clone
⬡ GitHub   ⬈ Website

- Created an IMDb UI clone using plain **HTML** and **CSS** with no CSS framework and javascript.

PAST PROJECTS

Blog App with MERN stack
⬡ GitHub   ⬈ Website

- Created a blog app using **React.js** for front-end, **Node.js** and **Express.js** for back-end and **MongoDB** as database.
- Deployed front-end using **Netlify** and back-end using **Heroku**.
- Can create a new blog, display all blogs, display a particular blog with the given id, edit a particular blog, search for a particular blog and finally delete a particular blog with the given id.
- Client-Side Rendered (CSR) and follows Model View Controller (MVC) design pattern.

Google Calculator Clone
⬡ GitHub   ⬈ Website

- Built a google calculator clone using **Vanilla Javascript** and deployed using **Netlify**.

Tic Tac Toe
⬡ GitHub   ⬈ Website

- Built a tic tac toe game using **Vanilla Javascript**, designed using **Bootstrap** and deployed using **Vercel**.

SKILLS

- Front-end: HTML, CSS, Javascript, React.js, Next.js
- Back-end: Node.js, Express.js
- Database: MongoDB (noSQL)
- Miscellaneous: C++, Python, DSA

ACHIEVEMENTS

- Secured AIR 1 in Gate Biotechnology 2019
- 3[*] at CodeChef (Rating 1664)

COURSES

- Currently pursuing the competitive programming track of Unacademy and CodeChef
- Completed the course "The Complete 2021 Web Development Bootcamp" by Dr. Angela Yu on Udemy.

EXTRA-CURRICULAR

- Played Chess at State level