

SAYANTIKA GHOSH

An aspiring web developer

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Kolkata, India

in sayantikag98

sayantikag98

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)
- Others: 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 Udemey.

EXTRA-CURRICULAR

- Played Chess at State level