

Samit Bhattacharjee

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Bachelor of Technology

Heritage Institute of Technology, Kolkata

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 GitHub Profile

 LinkedIn Profile

EDUCATION

• Bachelor of Technology in Electronics and Communications Engineering

2021-25

Heritage Institute of Technology

PERSONAL PROJECTS

• Recycle it - Switch 2 Sustainability (A Startup Idea)

Fabricated a MERN stack website to allow users/business to sell us plastic waste and purchase raw recycled wastes.

Live Link [here](#)

- Optimized the selling E-commerce routes resulting in 50% more efficient codebase.
- Enhanced the frontend responsive, added Chart.js and connected the express.js backend with react.js frontend
- Technology Used : React.js,Node.js,Express.js,MongoDB,Chart.js,Tailwind CSS

• A booking website for all nearby Medical Services

Produced a platform where organisations can list medical events and general users can interact and book a ticket for it.

Live Link [here](#)

- Implemented Golang to write its backend, properly designed the backend logic for booking, listing and authentication using REST api practices.
- Technology Stack: Next.js using Typescript, Golang Gin, Postgresql, JWT authentication.

• Express Starter

Constructed a Starter project for a full-stack website to get rid of tiring npm package installations.

Check the NPM registry

- Published in the npm-registry, it allows a user to run a single command in CLI to install React.js, Express.js, MongoDB with axios, Tailwind CSS etc
- Created using MERN stack, commander.js
- Makes sure the user can install a full stack web starter pack consisting of the above technologies, it allows the users to start coding rather than installing necessary libraries saving time by atleast 50%.

EXPERIENCE

• Full stack developer

Apr 2024 - working

Epek Software Solutions

Online

- Working as a Full Stack Javascript/Typescript developer.
- Pioneered the development of a website enabling companies to purchase and utilize user data for targeted advertising, increasing ad targeting accuracy by 30%.
- Engineered a social media application with real-time communication (chat and call), task management, and team collaboration tools, leading to a 40% improvement in team productivity.

• Full stack developer internship

Feb - Apr 2024

Canverro

Online

- Successfully contributed as a full stack developer in an early stage startup
- Engineered and deployed real-time backend flow to accept users' innovation (graphic text, color, image) to an existing apparel product, utilized three.js and expressjs technology; increased user engagement by 40% and retention rate by 25%
- Investigated modern UI/UX, developed responsive webpages and established seamless frontend - backend connections to allow better workflow of events.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, Typescript, Golang, Solidity

Libraries : C++ STL, ReactJs, openZeppelin

Web Dev Tools: Nodejs, VScode, Git, Github, Gitlab, bitbucket, Docker, Jenkins, Ansible, Nginx

Frameworks: NextJs, ExpressJs, HardHat, Truffle

Cloud/Databases: MongoDB, Firebase, Relational Database(mySql), AWS

Relevant Coursework: Data Structures & Algorithms, Computer Networks, Network Security, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Blockchain, Cloud Security, Cryptography, DevOps

Soft Skills: Leadership, Self-learning, Presentation, Debugging