

SOUGATA MONDAL

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OBJECTIVE

Software Engineer with experience in full-stack development, seeking full-time roles in software engineering.

EDUCATION

Master of Computer Application, Techno India University	2022 - 2024
Bachelor of Computer Application, Techno India University	2018 - 2021

SKILLS

- | | | |
|--------------|----------------|---------------|
| • HTML | • React | • MongoDB |
| • CSS | • Next.js | • TypeScript |
| • JavaScript | • Node.js | • Redux |
| • Python | • Tailwind CSS | • Flask |
| • SQL | • Express | • Material UI |

SOFT SKILLS

- Strong problem-solving skills
- Excellent communication and teamwork abilities
- Adaptability and quick learning
- Time management and organization
- Attention to detail

EXPERIENCE

Full-stack Developer 365 AI Tech, Full-time	Jan 2024 - Present <i>Remote, India</i>
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- Developed an SAAS product called **SalesCRM** using **Next.js** and **React**, enabling companies to track employee sales, customer interactions, and other metrics. Responsibilities included integrating **REST APIs** and developing **responsive websites** using **Tailwind CSS**.
- Created an end-to-end solution for property brokers named **Brokerjee**, allowing brokers to list properties and interact with clients. Integrated multiple **REST APIs** and developed **responsive websites** using **Material UI**. Additionally, developed a chatbot utilizing **OpenAI's API** to enhance user interactions.
- Utilized the **MERN stack** (MongoDB, Express.js, React.js, Node.js), **Next.js** for server-side rendering, **Redux** for state management, and **Postman** for API testing and development.
- Implemented **Data Structures and Algorithms** in real life scenarios for better functionality and optimization.

Search Engine Optimization Analyst Brainex Media, Part-time	Aug 2022 - Nov 2022 <i>Remote, India</i>
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- Researched appropriate keywords using tools like Google Keyword Planner, Ubersuggest etc.
- Implemented best on-page and off-page SEO practices to boost page ranking.
- Developed backlinking strategies.
- Worked on 4 or more websites and helped them to climb the ladder in Google SERP.

PROJECTS

Insta Clone

Dec 2023 - Jan 2024

github.com/SougataMondal2000/insta-clone

- Developed a social media application clone of Instagram using **Node.js** and **Express.js**.
- Implemented authentication and authorization using **JWT** (JSON Web Tokens) to ensure secure access.
- Designed and developed CRUD (Create, Read, Update, Delete) functionalities for user posts, comments, and profiles.
- Utilized **MongoDB** as the database to store user data and media content.
- Designed a dynamic and responsive user interface using **EJS** (Embedded JavaScript templates) and **Bootstrap**.

Pinterest Clone

Jun 2023

github.com/SougataMondal2000/todoodle_flask

- Built a clone of Pinterest using **Node.js** and **Express.js** with authentication and CRUD functionalities.
- Integrated authentication system using **Passport.js** and **OAuth** for social login capabilities.
- Developed features for uploading, viewing, and managing images and boards.
- Employed **MongoDB** for data storage and **Mongoose** for data modeling.
- Designed a dynamic and responsive user interface using **EJS** (Embedded JavaScript templates) and **Bootstrap**.

Pong Game

May 2023

github.com/SougataMondal2000/pong-game

- Developed a classic Pong game using **Python** and **Turtle** graphics library.
- Implemented game mechanics including player controls, collision detection, and scoring system.
- Designed the game layout and user interface to provide an engaging user experience.

PhonePal Ecommerce Website

Oct 2023 - Present

github.com/SougataMondal2000/PhonePal-fullstack

- Developing a full-stack e-commerce application using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Designed and implemented a homepage, product listing pages, and dedicated product detail pages.
- Integrated a secure authentication and authorization system using **JWT** and **Bcrypt** for password hashing.
- Implemented shopping cart functionality and order management system.
- Conducted API testing using **Postman** to ensure robust and reliable backend services.

COURSES

Software Engineering Virtual Experience

Jun 2023

The Forage, Online

- Built interface with a stock price data feed
- Used JPMorgan Chase Co. frameworks and tools
- Displayed data visually for traders

ACHIEVEMENTS

- Achieved Gold level in Data Structures and Algorithms (DSA) on Coding Ninjas.
- Reached 1800+ elo on chess.