Arnab Ghosh

B.Tech CSE   DOB: 03/11/2002   Kolkata,India

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As a recent B.Tech graduate in Computer Science and Engineering, I bring a fresh perspective and a passion for web development. Eager to apply my theoretical knowledge and practical skills, I am ready to embark on a journey to create innovative and user-friendly web solutions. With a strong foundation in programming languages and a keen eye for design, I am excited to contribute and learn in a dynamic professional environment.

Projects

ECHOV3RSE   College group project   *January 2023 - June 2023*

- Collaboratively developed an **anonymous social media** with a collegiate team, utilizing **TypeScript, Next.js, tRPC, Tailwind CSS, Prisma, and MySQL** to deliver a dynamic and secure user experience.
- Employed **Next.js** for **server-side rendering**, **tRPC** for efficient **API development**, and **Tailwind CSS** for streamlined **UI design**, ensuring a modern and responsive platform.
- Managed data with **Prisma** and **MySQL**, collaborating with teammates to meet project goals.

Public Sentiment Analysis   College group project   *July 2023 - December 2023*

- Co-developed this project using **NLTK** and machine learning models within a collegiate team setting.
- Utilized **NLTK** for data preprocessing and implemented machine learning algorithms for sentiment analysis, showcasing proficiency in natural language processing techniques.
- Demonstrated project management skills in coordinating team efforts, although the project remains in developmental stages awaiting deployment.

Blogify   Self project   *2024*

- Leveraged **React JS** for the frontend and **Appwrite** for backend services ensuring smooth compatibility and efficient **data management**, facilitating a seamless user experience.
- Implemented **login and signup via Appwrite** for robust authentication, boosting security and user trust.
- With **Appwrite** managing **storage features**, the project benefits from scalable and reliable data storage capabilities, accommodating growth and ensuring consistent performance over time.

VidVerse   Self project   *2024 - Present*

- Leveraging **Node.js** for server-side scripting, enabling efficient handling of **asynchronous operations** and facilitating real-time updates, is crucial for a dynamic video platform.
- Incorporating **MongoDB** as the primary **database** ensures seamless scalability to manage vast amounts of user-generated content while maintaining flexibility in data storage and retrieval.
- Implementing **RESTful API** architecture helps the frontend and backend communicate smoothly, making it easy to integrate with different client apps and ensuring strong handling of **HTTP** requests.

Currency-Converter   Self project   *2023*

- Created currency converter using **API** for exchange rates, showcasing **RESTful API** skills and **data handling**.
- Created an intuitive conversion interface, highlighting UI/UX expertise for a seamless user experience.
- Ensured accuracy and reliability by incorporating error handling and validation, highlighting attention to detail and commitment to delivering **robust** software solutions.

Skills

- Programming Languages: JavaScript, Java, Python
- Software: Git, Visual Studio Code, GitHub
- Problem-solving and Analytical skill
- Communication Skill and Teamwork

Web Development skills:
- HTML5
- CSS3
- React.js
- Node.js

Education

JIS University   *2020-2024*

- Bachelor of Technology in Computer Science and Engineering with a GPA of **8.28** (till the 6th semester)

Dhamsa P. C. Sen Institution (High School)   *2012-2020*

- Achieved Secondary degree in 2018 from the state board with **83.57**% in honours
- Achieved Higher Secondary degree in 2020 from the state board with **80**% in honours

Extra-curricular activities

- Winner at intra-department football tournament 2022
- Organized college fresher in 2023

Hobbies

- Video creation, video editing, playing football, chess, video games