UTKARSH KRISHNA

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Education

Netaji Subhash Engineering College — Oct. 2022 – May 2026
Bachelor of Technology in Information Technology — *GPA: 8.035*

Experience

HACK4BENGAL 2.0 Hackathon — July 2023
Hacker — *Kolkata, W. B.*
- Integrated the Flow Blockchain wallet to enable secure payments within our project.
- Collaborated in building the front-end of the project, contributing to its overall design and functionality.
- Provided assistance to teammates in debugging the entire project, ensuring smooth functionality and resolving issues.

INNOVATRIX Hackathon — May 2023
Hacker — *Kolkata, W. B.*
- Trained a chatbot to respond to user queries using various training datasets and seamlessly integrated it into our project.
- Contributed to the front-end development of the project, ensuring a user-friendly and visually appealing interface.
- Played a key role in the successful deployment of the project.
- Achieved significant success by winning two tracks in the Innovatrix Hackathon.

Projects

BookStore | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS* [Link](#)
- Designed and developed a dynamic booklist application using the MERN stack (MongoDB, Express.js, React.js, Node.js) and enhanced the user interface with Tailwind CSS.
- Implemented robust functionalities allowing users to seamlessly manage their reading lists by adding, editing, and deleting books and authors, ensuring an intuitive experience.
- Introduced a detailed information display for each book, featuring key details such as the book name, author, timestamp of entry, and last update time, enriching user engagement.
- Empowered users with the flexibility to edit book details, enabling modifications to the book name, author name, or both. Additionally, users can efficiently delete books and authors, providing control over their personalized book collection.

Blogged | *React.js, React Router, Redux Toolkit, React Hook Form, Appwrite, Tailwind CSS, TinyMCE* [Link](#)
- Developed "Blogged," a feature-rich blogging application with React.js, utilizing React Router for seamless navigation.
- Implemented Redux Toolkit for efficient state management, ensuring a smooth and intuitive user experience.
- Integrated Appwrite for secure backend services, covering database management and authentication processes.
- Enhanced styling with Tailwind CSS and integrated TinyMCE for a Real-Time Editor, providing a visually appealing and interactive content creation experience.
- Leveraged React Hook Form for efficient form management and implemented features allowing blog creators to edit and delete posts, ensuring flexibility and control. Protected routes were implemented to secure access, allowing only the creator of a blog to make changes.

Trimly | *Node.js, Express.js, MongoDB* [Link](#)
- Created a URL shortening service using Node.js, Express.js, and MongoDB
- Utilized the **shortid** middleware to generate concise and unique short URLs for user-entered links.
- Implemented a redirect mechanism allowing users to access the original URLs using the generated short URLs.

Technical Skills

Programming Languages: JavaScript, TypeScript, Java, C
Web Technologies: NodeJs, ExpressJs, React, NextJs
Styling: Tailwind CSS
Version Control: Git, Github
Database: MongoDB
Tools: Postman