

PRATIK SONI

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Education

Indian Institute of Technology (BHU), Varanasi

Btech + Mtech in Engineering Physics

July. 2019 – May 2024

Varanasi, U.P.

Technical Skills

Languages: C++, JavaScript, Python

Technologies/Frameworks: HTML, CSS, Bootstrap, jQuery, SASS, Tailwind, React, Redux, Node, Express, Motoko

Fundamentals: Data Structure & Algorithms, Object Oriented Programming, System Design, DBMS

Experience

Costylee

May 2023 – July 2023

Web Developer Intern

Remote, Work From Home

- Implemented a robust REST API for a login and authentication module using Node.js, Express.js, and MongoDB. This API facilitated secure user access and management within the project.
- Further enhanced security by integrating Google Sign-in via OAuth, streamlining user authentication and leveraging the trusted ecosystem of Google for third-party authorization

Projects

NFT Ecommerce Web App | *React, Motoko, ICP, Blockchain, Web 3.0*

July 2023

- Built an NFT marketplace on the Internet Computer, allowing logged in users to mint, sell, and purchase NFTs.
- Designed a user-friendly web application with distinct sections: a discover page for exploring available NFTs, a mint NFT page for crafting new tokens, and a collection page for managing and selling owned NFTs.

Work From Cafe Website | *Javascript, Node.js, Express.js, React*

December 2022

- Built a full stack block application using MERN stack with user authentication. Users can share their preferred Cafes and workspaces and engage with posts from fellow users.
- Added features like nested comments, upvote post, sign-in with Google, sign-in with credentials
- Exposure: JWT, Cookies, Google OAuth

Nested Comments Utility Feature | *Node.js, React, MongoDB*

June 2022

- Implemented nested comments utility feature where logged in users can add, edit and reply to comments of fellow users.
- Exposure: JWT, Material-UI, Mongoose

Daily Planner Web App | *Javascript, Tailwind, React, Motoko*

May 2022

- Implemented a Note keeping and To-do list Web application where user can perform CRUD operations on both Notes section and ToDo list section.
- Built the backend using Motoko on blockchain network by ICP

URL Shortener | *Javascript*

March 2022

- Developed a URL shortener microservice that takes in a valid URL and returns a shortened URL, redirecting the user to the previously provided URL. Also keep track of total visits/clicks on the URL
- Exposure: Node.js, Express.js, MongoDB

Honours And Achievements

- Expert on Codeforces (Maximum Rating of 1615).
- Knight on LeetCode (Maximum Rating of 2030).
- Solved 2000+ DSA Questions across different coding platforms.
- Ranked 27th among IIT BHU programmers on GeeksForGeeks practice portal.

Extra-Curricular Activities

- Successfully completed YES+(Youth Empowerment & Skills), The Art of Living program (based upon yoga and meditation) taken by Akhilesh Parmanu
- Participated in Plogging, a waste recycling event at Technex'20 - Annual Techno-Management Fest of IIT BHU