

DEEP TRIVEDI

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Deep Trivedi

thedeepppp

Education

Indian Institute of Information and Technology

Bachelor of Technology in Computer Science

Nov. 2022 - Present

Jabalpur, Madhya Pradesh

Course Work: Operating Systems, System Design, Data Structures, Analysis Of Algorithms, Computer Network, Computer Organization and Architecture, Data Science, OOPS in Java, DBMS

Technical Skills

Languages: C, C++, GO, Python, JavaScript, TypeScript, HTML, CSS, Java, SQL, PHP, Shell Scripting

Technologies/Frameworks: NextJS, NodeJs, ExpressJs, React, Socket.io, WebRTC, Redux, Docker, Kubernetes, TensorFlow, Material UI, Tailwind CSS, Sass, Bootstrap

Databases: PostgreSQL, MySQL, MongoDB, GraphQL, Neo4J, Redis

Tools: Git, Github, AWS, Azure, Postman, Prisma, Netlify, Vercel, MongoDB Atlas, Repl.It, Linux, Google Cloud

Experience

Deepvue.tech

August 2024 - September 2024

Frontend Developer Intern

Remote

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Enhanced the User Interface: Worked with a team on improvement of user interface of 3 projects
- Improved Documentation: Collaborated to add documentation for 5+ projects to improve their SEO.

Fusion IIIT

September 2024 - Present

Fullstack Lead

College

- Assisted in development of the front end of a mobile application for iOS/Android using Dart and the Flutter framework.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Utilized Android Studio as a development environment in order to visualize the application in both iOS and Android.

Projects

Plinko | React, TypeScript, Fetch API, Canvas, MySQL, Tailwind

GitHub

- Built a replica of stack game Plinko, featuring advanced mechanics such as collision handling, recoil velocity simulations, and realistic gravity effects.
- Developed a scalable rendering system for managing multiple balls simultaneously, Probability calculations, ensuring optimal performance and visual fidelity improvements

URL Shortner | Golang, REST API, MongoDB, Postman

GitHub

- Created a backend service in Go for generating and managing shortened URLs, optimizing performance using efficient routing and data storage techniques.
- Implemented RESTful API endpoints for URL shortening, redirection, and analytics, ensuring smooth communication between the backend and client systems.
- Integrated MongoDB for persistent storage of URLs, ensuring high availability and fast lookups.

Solana Wallet Adapter | React, JavaScript, Solana-Web3.js

GitHub

- Created a secure and efficient wallet adapter for seamless interaction with cryptocurrency wallets, integrating with Solana blockchain to enable wallet authentication, transaction signing, and data retrieval.
- Integrated Message Signing, Token Minting and Token transfer, Airdrop functionality using Solana libraries.

Achievements

Competitive Programming Profiles:

- CodeForces (Pupil 1238 Max.)
- LeetCode (1842 Max. 300+ Solved))
- CodeChef (3* 1683 Max.)

Secured Global rank of 2065 in LeetCode weekly Contest 399

Secured Global rank of 5077 in CodeForces 945 div.2

Volunteer Experience

Programming Mentor

Coordinated and mentored a group of 15 mentees in the field of development