

# DEEP TRIVEDI

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Deep Trivedi

thedeeppp

Portfolio

## Education

### Indian Institute of Information and Technology

Nov. 2022 - Present

Bachelor of Technology in Computer Science

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++, Rust, GO, Python, JavaScript, TypeScript, HTML, CSS, Java, SQL, PHP, Shell Scripting

**Technologies/Frameworks:** NextJS, NodeJs, Anchor, 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

### Phyllo

August 2024 - September 2024

Frontend Developer Intern

Remote

- Worked with software development and API 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 improving the user interface of several 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

**AI Powered Calculator** | React, TypeScript, Canvas, Flask API, Python, Gemini 2.0, ShadCN, Tailwind

GitHub

- Developed an intelligent calculator leveraging OpenAI's API for advanced mathematical and contextual problem-solving
- Implemented a user-friendly UI for seamless interaction and backend API endpoints to handle real-time calculations.

**Rush Mine** | NextJS, React, TypeScript, Tailwind

GitHub Live

- Built a frontend replica of the popular online casino game Stake Mines from scratch using Next.js and TypeScript.
- Reduced unnecessary loading time by up to 30% through efficient state management and optimized re-rendering.

**Blog DApp in solana** | Anchor, Rust, React, Tailwind

GitHub

- Developed a decentralized blogging platform on Solana using Rust and Anchor, enabling users to publish and manage content on-chain.
- Implemented smart contracts with Anchor framework and integrated a React-based frontend for seamless Web3 interactions.
- Implemented secure user authentication and wallet integration using Solana Web3.js, ensuring seamless and decentralized access control.

**BonkBot Replica** | NodeJs, ExpressJs, React, Solana-web3.js, MongoDB

GitHub

- Developed a backend bot to automate Solana transactions, integrating Web3 libraries for seamless interaction with the blockchain.
- Implemented private key handling and transaction signing on server side, ensuring safe execution of automated txns.
- Optimized RPC calls and transaction processing for low-latency execution, improving efficiency in on-chain operations.

## Achievements

Competitive Programming Profiles:

- CodeForces:** Pupil (1238 Max.). Profile
- LeetCode:** Knight (1891 Max., 450+ problems solved). Profile
- CodeChef:** 3 (1683 Max.). Profile

Secured Global rank of 594 in LeetCode Weekly Contest 435.

Secured Global rank of 5077 in CodeForces Round 945 Div.2.

## Volunteer Experience

### Programming Mentor

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