

# PRATIK SONI

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## Education

Indian Institute of Technology (BHU), Varanasi

2019 - 2024

Integrated Dual Degree (B.tech + M.tech)

8.02/10 CGPA

## Work Experience

Costylee

May 2023 – July 2023

Software Developer Intern

Remote

- 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

VlogVista

[Source Code](#)

- Developed a RESTful video sharing web application, which supports 30+ API endpoints for uploading/fetching videos, commenting, liking, creating/updating playlists, user authentication/authorization, etc.
- Used **Node.js** with **Express.js** for backend, **Multer** for file handling, **Cloudinary** for file storage, **JWT** and **bcrypt** for secure user authentication and authorization.
- Used **MongoDB** and **Mongoose** models to create and manage database. Utilized MongoDB **Aggregation pipelines** for complex data extraction and **Pagination** for improving performance and user experience.

NFT Ecommerce Web App

[Source Code](#)

- 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.

Nested Comments Utility Feature

[Source Code](#)

- Implemented nested comments utility feature where logged in users can add, edit and reply to comments of fellow users.
- Used **React.js** and TailwindCSS to build frontend and **Node.js** and **Express.js** to build the backend.
- Implemented **Depth First Traversal Graph algorithm** to get comments from **MongoDB Atlas** database and render in nested manner.

## Technical Skills

**Languages:** C++, JavaScript, Python

**Backend:** Node.js, Express.js, Mongoose, SQL

**Frontend:** React, Redux, TailwindCSS, HTML, CSS, jQuery

**Clouds & Databases:** MongoDB, PostgreSQL

**Developer Tools:** Postman, VS Code, GitHub

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

## Honours and Awards

Legacy JavaScript Algorithms and Data Structures from freeCodeCamp

[Certificate](#)

- Skills: JavaScript(ES6), RegEx, Functional programming, OOPs, Data structures & Algorithms, Debugging

Certified Frontend Developer(React) by HackerRank

[Certificate](#)

- Skills: React.js, Javascript, CSS

Certified in following skills by HackerRank

[Profile](#)

- Skills: Problem Solving, JavaScript, React

## Algorithmic Competitions/Achievements

- Rated **Expert** on Codeforces with [Rating 1615](#).
- Awarded as **Guardian** on Leetcode with [Rating 2219 \(Top 0.99% Globally\)](#).
- Solved **2000+** **DSA** problems across different coding platforms.
- Ranked **27th** among IIT BHU programmers on GeeksForGeeks.