ABHISHEK KUMAR

Undergraduate at Bharati Vidyapeeth's College of Engineering – New Delhi

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PROJECTS

CodeCast
🔗 live   frontend code   backend code
📅 FEB 2023 – APR 2023

- Conceptualized, designed, and deployed a **real-time code editor** to provide seamless coding practice and interviewing experience for over 100 users.
- Implemented **Differential Synchronization** resulting in a significant reduction of 99% in data transfer and improved collaboration efficiency.
- Introduced **video chat and whiteboard features**, leading to a 25% increase in user retention and enhanced app functionality.
- **Utilized Socket.io, WebRTC, Node.js, Express.js, React.js, and MongoDB to develop the app.**

Shopping Website
🔗 live   code
📅 SEP 2022 – OCT 2022

- Led a cross-functional team of 4 to architect and develop a feature-rich **MVP shopping website**.
- Took charge of **back-end development**, implementing robust user authentication, authorization, and secure database storage protocols.
- Optimized database queries and improved website performance, resulting in a 30% reduction in load time and enhanced user experience.
- **The tech stack includes Node.js, Express.js, React.js, and MongoDB.**

ACHIEVEMENTS

Leetcode
- **LeetCode Rating: 1917 | Top 4% of Users | Knight Badge**
- Ranked in the top 3% in Weekly Contest 342, outperforming 14,360 participants and securing a **global rank of 409**.
- Solved **500+ problems** (375+ medium and hard problems)

Codeforces
- Skilled in solving over **1000 algorithmic problems**, showcasing adeptness in tackling intricate medium to hard problem sets.
- Consistently ranked highly in online coding competitions, including a top 4% performance in Codeforces Round 784.

Codechef
- **CodeChef Rating: 4 stars with a maximum rating of 1923.**
- Achieved an impressive global rank of 141 in Starters 87 Div 2, showcasing excellent problem-solving abilities.

- 🔗 Achieve **global rank of 139** out of 100K+ participants in **TCS codevita season 10**.
- 🔗 Achieve **global rank 1172** in google kickstart round B of 2022.

EDUCATION

BTech (ECE)
Bharati Vidyapeeth's College of Engineering, Delhi
📅 DEC 2020 – AUG 2024

- CGPA: 9.0 (till 4th Semester)

Class 12th
Kendriya Vidyala Sector 8 R.K. Puram
📅 APR 2018 – MAR 2019

Class 10th
Kendriya Vidyala Sector 8 R.K. Puram
📅 APR 2016 – MAR 2017

SKILLS

- Languages:
  Advance: C++
  Intermediate: Javascript C
  Beginner: Python Java Rust
- Web Technology
  NodeJs ExpressJs MongoDB ReactJs HTML CSS
- Tools
  Git and Github Postman Linux
- Others
  Data structure Algorithms High-level system design

VOLUNTEER

Technical Head
Computer Society of India BVCOE
📅 Nov 2022 – Present

- Helped society to conduct Technical events.
- Worked as problem setter in coding contest.