

GEET NATU

Ujjain, Madhya Pradesh

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GEET3001

Geet Natu Codeforces:GEET_73

Overview

Enthusiastic Computer Science undergraduate with hands-on experience in full-stack development using the MERN stack, TypeScript, and Next.js. Actively seeking opportunities to contribute to scalable web applications and gain real-world experience in modern web technologies.

Skills

Programming Languages: C (3/5), C++ (4/5), JavaScript (4/5), Java (3/5), Python (4/5)

Web Development: MongoDB, Express.js, React.js, Node.js, Next.js, TailwindCSS, Typescript, PostgreSQL, Recoil, Redux, Bootstrap, Prisma, Streamlit, FastAPI, Django

Computer Fundamentals: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management Systems, SQL, Shell Programming, Computer Organization and Architecture, System Design.

Tools: Git, GitHub, Postman, Linux Basics.

Areas of Interest: WEB 3.0, Competitive Programming, Blockchain, UI/UX Design.

Projects

LiftUp | *React.js, Node.js, Express.js, MongoDB, TailwindCSS, Socket.io*

GitHub

- Developed a real-time carpooling solution created with the MERN stack (MongoDB, Express, React, Node.js), enabling users to either join or create carpool pools.
- Designed a user-friendly React.js interface with intuitive navigation, resulting in a 30% increase in user engagement.
- Socket.IO integration to ensure real-time updates and seamless communication between drivers and riders, enhancing the user experience.
- Designed high-performance RESTful APIs with Node.js and Express.js, achieving a 15% reduction in response time for user-related endpoints.
- Utilized MongoDB to handle over 10,000 user records and 5,000 pool requests without performance degradation

MemoryPal | *TypeScript, MongoDB, Express.js, React.js, Node.js (MERN)*

GitHub

- Built a note-taking and personal knowledge management app using the MERN stack with TypeScript, enabling users to create, edit, tag, and organize notes referred to as "brains."
- Developed with TypeScript, ensuring type safety and reducing runtime errors by over 30% during development.
- Implemented JWT-based authentication for secure sign-up/login, resulting in a 100% protected user session system.
- Integrated shareable public links to allow users to securely view other users' notes, enhancing content visibility and collaboration.
- Utilized MongoDB's indexing and filtering for fast data access, reducing search time by 40% on average.

Experience

YASH Technologies

June 2025 – Present

Summer Intern

Indore, Madhya Pradesh

Currently working on building full-stack data-driven web applications using Python, Streamlit, Pandas, and NumPy, focusing on interactive dashboards, backend logic, and real-time data processing.

Achievements

- Global Rank:1401 in Codeforces Round 1017 among 35,000+ contestants.
- 3rd rank in Capture The Flag, Pantheon 2024 – the largest tech fest of Jharkhand.
- Selected for the highly competitive Summer of Bitcoin Learning Bootcamp based on coding skills and GitHub profile, completing an intensive 4-week program.
- Codeforces: Max Rated - **1393**.

Education

Birla Institute of Technology, Mesra

September 2023 – Present

Bachelor of Technology (Computer Science and Engineering) CGPA - 8.52

Ranchi, Jharkhand

Gyan Sagar Academy

– 2023

10th - 95.0% — 12th - 91.0%

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