Yash Siwach

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Profiles : Leetcode   Codeforces   Codechef   GeekForGeeks   Github

Projects

Drivio : Ride Bookings and Travel | *ReactVite, Tailwind CSS, GSAP, Google Maps API, Socket.IO, Axios*   **(Link)**
- Real-time ride-sharing platform enabling users to instantly book nearby captains with **live tracking** and seamless **two-way ride** updates.
- Built a full-stack ride-sharing app with React, Node.js, and MongoDB; added real-time updates, dynamic fares, and Google Maps, handling **1,000+ test rides** with 30% faster performance.
- Designed secure backend services with JWT auth, **token blacklisting, and role-based access control**; orchestrated 5+ core modules with 99.9% uptime during testing.

Real Time Stocks-CLI | *C++, Linux, libcurl, jsoncpp, Makefile, ASCII graphics, Bash*   **(Link)**
- Developed a Linux-based **C++ CLI application** leveraging libcurl and jsoncpp to fetch and render **real-time stock data** (within **150ms** average response) using the Alpha Vantage API..
- The tool features **real-time multi-stock tracking** with color-coded ASCII bar charts, **terminal-based visualization**, and a **modular C++ architecture** integrated with a Makefile for streamlined builds.

VideoAI: Video Streaming Platform | *React.js, Tailwind CSS, Firebase, Express.js, Node.js, MongoDB*   **(Link)**
- Developed an AI-powered video streaming platform integrating ChatGPT API for efficient **movie retrieval and search**.
- Built the front-end with React, leveraging micro-services to reduce feature development time by 25% for 15K+ monthly users.
- Integrated Firebase for user authentication and real-time data updates, ensuring secure access for 1K+ active users.

Technical Skills

Languages: C, C++, PHP, HTML, CSS, JavaScript, Java, Python
Technologies: React, Express, Bootstrap, PHP, Node, Laravel, Socket.IO, MySQL, MongoDB
Concepts: Linux, Shell (Bash/Zsh), Firebase, Git, Ethical Hacking, Low level Design(LLD)

Achievements

- **Achieved All India Ranks 179 & 278** in Geeks for Geeks weekly contests.
- **Secured All India Rank 345 and Global Rank 1301** out of **36,000+** in Leetcode Contest 137. (*Algorithms*)
- **Attained All India Rank 544 and Global Rank 2800** out of **43,000+** in Codeforces Round 994 (Div 2).
- **Assessed 1850+ and ranked among the Top 3%** globally on GeeksforGeeks. (*Excellence in DSA*)
- **Rated 1820+ and placed among the Top 6%** globally on Leetcode. (*Competitive programming*)
- **Accomplished ratings of 1200+ (Pupil) on Codeforces** and **1500+ on Codechef.** (*Mathematics*)
- **Solved 1,500+ DSA problems** across platforms, maintaining a **350+ day streak on Leetcode.** (*Consistency*)

Certifications

NPTEL: Ethical hacking course on network security, cryptography, and real-world attack prevention- IIT Kharagpur
Complete Interview Preparation By GFG Course on programming, DSA, algorithms, and projects.
Web Development Cohort By Harkirat: Course on full-stack web development, React, backend, Docker, scaling.
C Programming: Course by Haryana State Electronics Development Corporation (Hisar,Haryana)
Complete Advanced Cyber Security & Ethical Hacking: One Year of Ethical Hacking training

Education

Lovely Professional University   2022 – 2026
Bachelor of Technology in Computer Science & Engineering   *Jalandhar, Punjab*

D.A.V Public School   2020 – 2022
*Higher Secondary Education **(JEE Mains 87 Percentile)***   *Fatehabad, Haryana*