Abhinash Kumar

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CodeForces | LeetCode | CodeChef | GitHub | Linkedin
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EDUCATION

Indian Institute of Information Technology, Lucknow   Dec 2021 - Jun 2025
B.Tech - Information Technology | CGPA: 7.7   Lucknow, India

Guru Gobind Singh Public School, Bokaro Steel City   April 2019 - May 2020
Central Board of Secondary Education | 12th: 92.60%   Bokaro, India

EXPERIENCE

Leucine - AI for Pharma   May 2025 – Present
Software Development Engineer Intern   Bangalore, India
Tech Stack: React.Js, Java, PorstgreSQL

- Implemented advanced GPT-based language models to perform deep semantic analysis of FDA regulatory documents, significantly enhancing interpretive accuracy and entity extraction precision.
- Built real-time compliance dashboards & Slack alert systems for critical violations and updates (Slack API), reducing manual monitoring by 95% and enabling data-driven decision-making.

Leucine - AI for Pharma   Jan 2025 – April 2025
Software Development Engineer Intern   Bangalore, India
Tech Stack: React.js, Java, PostgREST, PorstgreSQL

- Collaborated cross-functionally to architect and optimize multi-platform solutions, streamlining workflows and accelerating project delivery timelines.
- Architected end-to-end Stripe integration for secure subscription billing and real-time transaction dashboards, automating invoice workflows and reducing manual reconciliation.
- Built scalable security and operational controls (Google reCAPTCHA, rate limiting, usage quotas, domain allow/block) and automated data-validation pipelines with ChatGPT-driven checks to strengthen platform security and accelerate operational efficiency.

PERSONAL PROJECTS

Bud-Wiser | <u>Link</u>   React, Typescript ,React-Query, Prisma , Tailwind

- Architected zero-trust, type-safe full-stack platform with Next.js 14, TypeScript APIs/Server Actions, and Clerk authentication—delivering secure endpoints and responsive UIs (TailwindCSS/shadcn UI) with interactive transaction visualizations.
- Engineered high-throughput data infrastructure using Prisma ORM on SQLite & Vercel PostgreSQL to support real-time transaction processing, category analytics, and historical data aggregation.

ACHIEVEMENTS

- Rated **Specialist** on <u>Codeforces</u> Max-Rating **(1495)** and **3 star** on <u>Codechef</u> Max-Rating **(1644)**
- Secured global ranks **2530, 2820** in Codeforces Global Round 25 and Round 880(Div.2).
- Ranked **3649** out of 20,000+ participants in Leetcode Weekly Contest 356.
- Achieved global rank **247** in Codechef Starters 139 Division 3.
- Secured rank among **top 24** in Foss weekend 2022, a open source competition of IIITL for 200+ participants.
- Solved 500+ problems on various coding platforms including Leetcode, GeeksForGeeks, Codechef, Codeforces.

SKILLS

- **Languages:** C++, Java, JavaScript
- **Frameworks:** React.js, Node.js, Express.js
- **Databases:** NoSQL: MongoDB, Firebase; SQL: MySQL
- **Tools and Environments:** Windows, Linux, Git/GitHub, VSCode
- **Coursework:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Operating system (OS), Database Management System (DBMS)

ROLES AND RESPONSIBILITIES

Eifer- Sports Club of IIITL   Oct 2022 - Mar 2024
Senior Member and Football lead   IIIT Lucknow

- Member of the winning **IIIT Lucknow Football Team** in the **Inter IIIT 2024 Tournament**.
- Led the college football wing, organizing tournaments and training sessions, resulting in increased participation and securing top rankings in inter-college tournaments.