Pranav Raj

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Education

Indian Institute of Technology(IIT) Patna *Patna, India*
*B.Tech - Chemical Engineering - **CPI: 8.43** (current)* *July 2021 - May 2025(Expected)*

Chinmaya Vidyalaya *Bokaro, India*
*AISSCE - PCM and Computer Science conducted by CBSE - **Grade: 92.2**%* *April 2018 - March 2020*

Work Experience

Coinbase *Bengaluru, India*
(Software Engineer Intern) *May 2024 - August 2024*

- Engineered the frontend and backend for a **dependency graph tool** that clarified complex data source relationships, leading to adoption by **15+ teams** and over **50% reduction** in data retrieval time.
- Deployed a pre-commit hook designed to selectively trigger on dependency changes, optimizing the commit process and achieving a **40% reduction** in commit latency.
- Built **custom dashboard** on Datadog for **displaying metrics** and **facilitating effective monitoring**.
- Leveraged **Go**, **JavaScript**, **D3.js**, **DSA**, **Shell Scripting**, **Datadog**, **Docker**, **Amazon S3**, **JIRA**, **Git** and **GitHub Workflow actions** to optimize development efficiency and streamline workflows.

MathonGo *Remote, India*
(Developer Intern) *December 2021 - January 2022*

- Assisted to the development of an adaptive learning platform, improving personalized learning for **5000+** JEE aspirants by optimizing content delivery and user engagement.
- Improved personalized learning, boosting engagement metrics by **20%**.

Accomplishments

- Achieved **Expert** status on **Codeforces** with a maximum rating of **1703**. Profile
- Earned **4-Star** rank on **CodeChef**, peak rating of **1925**. Profile
- Obtained **Knight** title on **LeetCode**, highest rating of **2129**. Profile
- Secured a worldwide ranking of **41** out of **1900+** participants in the contest organized by IIT Ropar. Ranklist
- Acquired a global ranking of **233** out of **34,000+** contestants in LeetCode's Weekly Contest 417. Ranking
- Attained a global rank of **412** and All-India Rank of **23** in Round 1 of **Meta Hacker Cup 2024**. Certificate
- Ranked **1664th** globally out of **12,000+** paricipants in the **Google Farewell Round 2023**. Certificate
- Placed **top 350** out of **42,000+** teams in TVS Credit 6.0 IT Challenge, showcasing strong technical skills.

Projects

AI Article Summarizer *Website*
Source Code *July 2023*

- Executed a scalable React-powered article summarization platform achieving over **90%** accuracy.
- Upgraded functionality for history tracking, clipboard copying, form event handling, and error management, leading to a **40%** reduction in user errors and improved user experience.
- Gained significant experience in **React**, **JavaScript**, **CSS**, **Tailwind CSS**, **HTML**, and **Git**.

Skills & Courses

- **Programming:** C++, C, Go, Python, JavaScript, Shell Scripting, SQL.
- **Libraries/Professional Skills and Tools:** D3.js, React, Object Oriented Programming(OOP), VS Code, Git, GitHub, JSON, Datadog, JIRA, Docker, Amazon S3, File Handling, MySQL.
- **Courses:** Programming & Data Structures, Foundations of Machine Learning, Introduction to Data Science.
- **Competitive Programming:** Solved **3000+** problems, emphasizing data structures and algorithms.