PRANAV RAJ

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EDUCATION

Indian Institute of Technology(IIT) Patna   Patna, India
*B.Tech - CBE - **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   Remote, India
(Software Engineering Intern)   *May 2024 - August 2024*

- Developed 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.
- Integrated a pre-commit hook designed to selectively trigger on dependency changes, optimizing the commit process and achieving a **40% reduction** in commit latency.
- Created **custom dashboard** on Datadog for **displaying metrics** & **facilitating effective monitoring**.
- Utilized **Go**, **JavaScript**, **D3.js**, **Shell Scripting**, **Datadog**, **Docker**, **Amazon S3**, **JIRA**, **Git** and **GitHub Workflow actions** to enhance development efficiency and streamline workflows.

MathonGo   Remote, India
(Developer Intern)   *Dec 2021 - Jan 2022*

- Contributed to the development of an adaptive learning platform, improving personalized learning for **5000+** JEE aspirants by optimizing content delivery and user engagement.

ACCOMPLISHMENTS

- **Expert** on **Codeforces** with a maximum rating of **1703**. Profile
- **4 Star** on **CodeChef**, attaining a peak rating of **1920**. Profile
- **Knight** on **LeetCode**, achieving a highest rating of **2117**. Profile
- Secured a worldwide ranking of **41** out of **1900+** participants in the contest organized by IIT Ropar. Ranklist
- Achieved a global rank of **391** out of **29,000+** contestants in LeetCode's Biweekly Contest 111. Ranking
- Acquired a global ranking of **1664** in the **Google Farewell Round 2023**. Certificate
- Attained global rank **1273** and All-India Rank **208** in Round 2 of **Meta Hacker Cup 2023**. Certificate

PROJECTS

AI Article Summarizer   Source Code
Website   *July 2023*

- Executed a scalable React-powered article summarization platform achieving over **90% accuracy**.
- Enhanced 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 **ReactJS, , JavaScript, CSS, Tailwind CSS, HTML**, and **Git**.

SKILLS & COURSES

- **Programming:** C, C++, Java, Go, Python, JavaScript, Shell Scripting.
- **Libraries/Professional Skills and Tools:** D3.js, React, Object Oriented Programming(OOP), VS Code, Git, GitHub, JSON, Datadog, JIRA, Docker, Amazon S3, Unix/Linux, Distributed Systems, TCP/IP.
- **Courses:** Programming & Data Structures, Foundations of Machine Learning, Introduction to Data Science.
- **Competitive Programming:** Solved **2700+** algorithmic problems across various coding platforms, with a strong emphasis on mastering data structures and algorithms.