PRANAV RAJ

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EDUCATION

- **Indian Institute of Technology, Patna (IIT Patna)** *Patna, India*
  Bachelor of Technology - 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*
  - Devised 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 a **custom dashboard** on Datadog to visualize **10+ metrics** and enhance monitoring effectiveness.
  - Leveraged **Go**, **JavaScript**, and **Bash Scripting** with **D3.js**, **Git**, **Docker**, **Amazon S3**, **DSA**, **Jira**, **Datadog**, and **GitHub Actions (CI/CD)** to optimize development efficiency and streamline workflows.
- **MathonGo** *Remote, India*
  (Developer Intern) *December 2021 - January 2022*
  - Spearheaded development support for an adaptive learning platform, enhancing content delivery and personalized learning for **5,000+** JEE aspirants, driving a **20%** boost in engagement with **Python**.

ACHIEVEMENTS

- Achieved **Expert** status on **Codeforces** with a maximum rating of **1775**. Profile
- Earned **5-Star** rank on **CodeChef**, peak rating of **2010**. Profile
- Obtained **Guardian** title on **LeetCode**, highest rating of **2315**. Profile
- Attained a global rank of **404** and All-India Rank of **22** in Round 1 of **Meta Hacker Cup 2024**, competing among **22,000+** participants. Certificate
- Secured a worldwide ranking of **41** out of **1900+** participants in the contest organized by IIT Ropar. Ranklist
- Acquired a global ranking of **161** out of **34,500+** contestants in LeetCode's Weekly Contest 417. Ranking
- Ranked **1664th** globally out of **35,000+** participants in the **Google Farewell Round 2023**. Certificate
- Placed **top 350** among **42,000+** teams in **TVS Credit 6.0** IT Challenge, showcasing strong technical skills.

PROJECTS

- **QuickSell's Kanban Board** *Website*
  Source Code *October 2024*
  - Engineered an interactive **Kanban board** for **QuickSell** using **ReactJS** and **JavaScript**, achieving **100% coverage** for real-time grouping (status, user, priority) and sorting (priority, title).
  - Boosted rendering speed by **40%** with optimized React architecture and state management.
  - Utilized a **RESTful API** for fetching the latest ticket data while ensuring a responsive UI.
- **AI Article Summarizer** *Website*
  Source Code *July 2023*
  - Executed a scalable React-powered article summarization platform achieving over **90%** accuracy.
  - Enhanced history tracking, clipboard copying, form handling, and error management, reducing user errors by **40%** and building expertise in **React**, **JavaScript**, **CSS**, **HTML**, **Git**, and **RapidAPI**.

SKILLS & COURSES

- **Programming:** C++, C, Go, Python, JavaScript, Shell Scripting, SQL.
- **Libraries/Professional Skills and Tools:** D3.js, React, Object Oriented Programming(OOP), Tailwind CSS, Git, GitHub, Datadog, Jira, Docker, AWS S3, MySQL.
- **Courses:** Programming & Data Structures, Foundations of Machine Learning, Introduction to Data Science.
- **Competitive Programming:** Tackled **3000+** problems, mastering data structures and algorithms.