

# PRANAV RAJ

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## EDUCATION

- **Indian Institute of Technology Patna (IIT Patna)** Patna, India  
*Bachelor of Technology – CPI: 8.43/10 (current)* July 2021 – May 2025 (Expected)
- **Chinmaya Vidyalaya** Bokaro, India  
*AISSCE – PCM and Computer Science – 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, adopted 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% decrease** 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

- Obtained **Expert** status on **Codeforces**, maximum rating of **1775**. [Profile](#)
- Earned **5-Star** rank on **CodeChef**, peak rating of **2010**. [Profile](#)
- Achieved **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 in the top **1%** of **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.