PRANAV RAJ

+91-6202939694 | rajpranav.iitp@gmail.com | linkedin.com/in/rajpranavxc/ | github.com/rajpranavxc | rajpranav.vercel.app

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 a dependency graph tool's frontend and backend that clarified complex data source relationships, adopted by **15+ teams** and over **50% reduction** in data retrieval time.
  - Deployed a pre-commit hook to trigger on dependency changes, reducing commit latency by **40%**.
  - 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 **CI/CD pipeline** to optimize development efficiency and streamline workflows.
- **MathonGo** — *Remote, India*
  (Developer Intern) — *December 2021 - January 2022*
  - Assisted to an adaptive learning platform, improving content delivery for **5,000+** JEE aspirants.
  - Spearheaded a **20%** increase in engagement by developing personalized learning features with **Python**.

ACHIEVEMENTS

- Obtained **Expert** status on **Codeforces**, maximum rating of **1777**. Profile
- Earned **5-Star** rank on **CodeChef**, highest rating of **2011**. Profile
- Achieved **Guardian** title on **LeetCode** with a peak rating of **2364**, ranking in the **top 0.5%**. 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** — *Live Site*
  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** — *Live Site*
  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, enhancing Data Structures and Algorithms skills.