PRANAV RAJ

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

EDUCATION

Indian Institute of Technology, Patna (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 *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 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*
- 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 and boosted engagement metrics by **20%** using **Python** and **Jira**.

ACHIEVEMENTS

- Achieved **Expert** status on **Codeforces** with a maximum rating of **1703**. Profile
- Earned **4-Star** rank on **CodeChef**, peak rating of **1962**. Profile
- Obtained **Guardian** title on **LeetCode**, highest rating of **2266**. Profile
- Attained a global rank of **412** and All-India Rank of **23** in Round 1 of **Meta Hacker Cup 2024**. 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

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, AWS 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.