

PRANAV RAJ

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EDUCATION

- **Indian Institute of Technology(IIT) Patna** Patna, India
Bachelor of Technology - CPI: 8.34/10 July 2021 – May 2025

WORK EXPERIENCE

- **Zeotap** Bengaluru, India
(Software Engineer / Software Engineer Intern) June 2025 – Present | Dec 2024 – May 2025
 - Designed distributed **Apache Spark** pipeline on **GCP** to process **100K+ files daily** from **GCS** with automated **schema** and **metadata** registration in **Zeotap CDP**.
 - Built scalable data catalog for **10M+ attributes** supporting sub-second query performance.
 - Built monitoring stack with SQL, reducing detection time by **95%** via **Slack** and **PagerDuty** alerts.
 - Tech stack: **Java, Scala, PostgreSQL, Redis, RabbitMQ, Prometheus, Postman, CI/CD** tools.
- **Coinbase** Bengaluru, India
(Software Engineer Intern) May 2024 - August 2024
 - Developed a dependency graph tool that streamlined service interdependencies, adopted by **15+ teams**.
 - Created **custom dashboards** on Datadog to display metrics and enable effective monitoring.
 - Deployed a pre-commit hook to trigger on dependency changes, reducing commit latency by **90%**.
 - Tech stack: **Go, Python, JavaScript, Bash, D3.js, Docker, Datadog**.

ACHIEVEMENTS

- Obtained **Candidate Master** status on **Codeforces**, maximum rating of **1909**. [Profile](#)
- Earned **5-Star** rank on **CodeChef**, highest rating of **2170**. [Profile](#)
- Achieved **Guardian** title on **LeetCode** with a peak rating of **2547**, ranking in the **top 0.2%**. [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](#)
- Ranked **115th** out of **3000+** teams in the **ICPC 2024 Prelims**.
- Acquired a global ranking of **36** out of **100,000+** contestants in TCS Codevita Season 12 Round 1.
- Placed in the top 1% of **42,000+** teams in **TVS Credit 6.0 IT Challenge**, showcasing strong technical skills.
- Secured a worldwide ranking of **41** out of **1900+** participants in the contest organized by IIT Ropar. [Ranklist](#)

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:** Java, C++, Scala, Go, C, JavaScript, Shell Scripting, SQL.
- **Libraries/Professional Skills and Tools:** Microservices, Docker, Redis, RabbitMQ, PostgreSQL, React, D3.js, AWS S3, Prometheus, Grafana, Git, Postman, Object Oriented Programming (OOP).
- **Courses:** Programming & Data Structures, Foundations of Machine Learning, Introduction to Data Science.
- **Competitive Programming:** Tackled 3000+ problems, enhancing Data Structures and Algorithms skills.