

# PRANAV RAJ

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## EDUCATION

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

## WORK EXPERIENCE

- Zeotap** Bengaluru, India  
(Software Engineer Intern) December 2024 - Present
  - Refactoring synchronous APIs into asynchronous APIs, utilizing non-blocking I/O and concurrency models to reduce latency by over **30%**.
  - Built a containerized monitoring stack with custom SQL queries, reducing issue detection time by **95%** with auto alerts on **Slack** and **PagerDuty**.
  - Tech stack: **Java**, **PostgreSQL**, **Smarty**, **Postman**, **Prometheus**, **Harness**, **GCP**, **PagerDuty**.
- Coinbase** Bengaluru, India  
(Software Engineer Intern) May 2024 - August 2024
  - Developed a dependency graph tool that streamlined data source relationships, adopted by **15+ teams**, achieving over **50% reduction** in data retrieval time.
  - Deployed a pre-commit hook to trigger on dependency changes, reducing commit latency by **40%**.
  - Utilized **Go**, **JavaScript**, and **Bash Scripting** along with **D3.js**, **Docker**, **Datadog**, and **CI/CD pipeline** to enhance development efficiency and automate workflows.

## ACHIEVEMENTS

- Obtained **Expert** status on **Codeforces**, maximum rating of **1866**. [Profile](#)
- Earned **5-Star** rank on **CodeChef**, highest rating of **2085**. [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:** C++, C, Java, Go, JavaScript, Shell Scripting, SQL.
- Libraries/Professional Skills and Tools:** Microservices, React, Docker, Git, PostgreSQL, Postman, AWS S3, Prometheus, Grafana, D3.js, Tailwind CSS, 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.