

Rajneesh Kumar

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Portfolio: Rajneesh Kumar

Education

Indian Institute of Technology, Patna

Bachelor of Technology - Computer Science & Engineering (CPI: 8.02)

Patna, India

Nov 2020 - Jul 2024

Work Experience

Software Development Engineer 1

Meesho

Onsite

Feb 2025 - Present

- Developed a **dynamic rule engine** to execute analytical rules (using **MVEL**) for **fraud prevention** in **order** and **returns**. Integrated multiple services and data sources via runtime **wrappers** for efficient rule evaluation.
- Performing continuous infrastructure monitoring and conducting **root cause analysis** to identify and resolve production issues, improving system stability.
- Migrated** a legacy **Python**-based service to **Java Spring Boot**, added structured **debugging logs** and **Prometheus-based metrics**, enhancing fault tolerance and reducing **latency** by **30%**.

Full Stack Developer

RAAPID INC

Onsite

June 2024 - Feb 2025

- Redesigned** database structure to **align** with **industry standards**, improved existing **Events** and **Procedures**, and implemented an **Archival system** to move **150+** day-old data with **100% uptime**.
- Streamlined** report generation by replacing Python-based workflows with **efficient SQL solutions**, reducing complexity, enhancing communication, reducing review time by **60%**, improving accuracy, and minimizing logical errors.
- Managed **Azure data pipelines**, automated data insertion tasks, and optimized **query performance** by **25%** through **indexing**, **locking**, and **server parameter** adjustments.

Full Stack Developer Intern—Certificate

RAAPID INC

Remote

Jan 2024 - May 2024

- Created default and custom **triggers** for screen elements to monitor **1,000+** individual user sessions on the Product page via **Matomo** each day, stored data in a **MySQL** database.
- Calculated **active and idle** time for every session by leveraging RDBMS tools such as Events and Procedures, achieved **95%+** accuracy.
- Utilized **open-source** analytics tool **Metabase** to visualize performance metrics such as time spent, feature usage, and user flow patterns, achieving **zero-cost** solutions.

Software Developer Intern—Certificate

Truminds Software Systems

Onsite

May 2023 - Jul 2023

- Developed efficient C repository for **high-performance** packet processing in **DPDK**, focusing on **GTP packet identification**, **decapsulation**, and **advanced filtering (port&IP)**.
- Enhanced **interrupt handling** to reduce **latency** and improve packet processing and filtering, achieving a **70–75% improvement** in packet manipulation.
- Deployed** and tested **DPDK**-based system using **UDP**, achieving **2x** the packet processing speed of the standard 5-layer network stack.

Personal Projects

Smart Contract Analyzer—Source code:

(B.Tech Project under Prof. Somanath Tripathi), Computer Science Dept, IIT Patna)

May 2023 - Apr 2024

- Integrated an LLM with a custom knowledge base to analyze smart contracts, identify vulnerabilities, and suggest solutions, reducing manual review time by **80-90%** and achieving **85%+** accuracy.
- Used **5,000** flagged smart contracts (source: **etherscan.io**) as a knowledge base and built a vector database for ensuring **coherence** over large contexts.

Skills Summary

- Languages C++, C, Python, SQL, Java, Go
- Frameworks Node.js, Angular, Spring Boot, Data Plane Development Kit(DPDK)
- Tools GIT, MySQL, PostgreSQL, MongoDB, Azure Data Factory, Docker, Metabase, Matomo, Photoshop
- Platforms Linux, Windows, Arduino

Achievements

- Knight on Leetcode (rating 2004). **Profile Link:**
- Codechef Starters 47: Secured Global Rank 48 among 15000+ participants. **Profile Link:**
- Codechef October Lunchtime 2021: Secured Global Rank 65 among 13000+ participants.
- Solved 1200+ DSA problems across all coding platforms.

Volunteer Experience

- Negotiated with over **10** recruitment firms as Assistant Head Coordinator at **Training & Placement Cell, IIT Patna**.
- Joined **Infinito, IIT Patna** in the second year as a **Sub Coordinator** responsible for managing social media posts and designing content.
- Coordinated **Infinito 2k22, IIT Patna**, an offline and online annual sports festival, with more than **3000 participants**.