Kashyap Nirmal

+91 9427829341 | kashyapnirmal18@gmail.com | LinkedIn | Github | Ahmedabad

Work Experience

- **Knackroot Technolabs LLP, Ahmedabad**   *Aug 2022 – Present*
  Software Engineer   **Guides:** Mr. Ronak Patel, Mr. Sandip Patel
  - **Kaspa Mining Pool (Node.js – TypeScript, Go)**   *Nov 2024 – Present*
    * Built high-performance Stratum protocol handling 200+ concurrent miners with KRC20 rebate system.
    * Achieved 18.3% hardware support expansion through Bitmain compatibility, boosting pool hashrate.
    * Resolved critical production issues and launched open beta successfully.
    * Led technical communications and project briefings with clients.
  - **Telegram Bots & ICP Demo (Node.js – TypeScript)**   *Aug 2024 – Oct 2024*
    * Developed Telegram bots for KRC20 and Solana token tracking and alerts.
    * Built ICP name service demo enabling domain registration and transfer functionality.
  - **Android App Development (Java)**   *Sep 2023 – Aug 2024*
    * Led Android development in 4-member team, implementing features and refactoring architecture.
    * Managed SDK upgrades (API 30–34) and coordinated Play Console releases.
  - **Cosmos SDK AppChain (Go, Cosmos SDK)**   *Aug 2022 – Sep 2023*
    * Built custom Cosmos SDK appchain with CosmWasm integration and 89% unit test coverage.
    * Led team of 3 intern developers + 1 QA, coordinating blockchain integration across frontend/backend.
    * Implemented custom governance proposals and explored IBC transfer modules.

Skills

- **Programming Languages:** TypeScript, JavaScript, Java, Go, C++
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, WebSocket, Docker, Nginx
- **Databases & Storage:** PostgreSQL, Redis, SQL Server, MySQL
- **Blockchain & Distributed Systems:** Cosmos SDK, CosmWasm, IBC Protocol, Stratum Protocol
- **Mobile Development:** Android (Java), SDK Management, Google Play Console
- **DevOps & Tools:** GitHub Actions, Docker, Prometheus, VictoriaMetrics

Awards & Achievements

- **Best Team Award** – Awarded for outstanding collaboration and contribution to a high-impact project.
- **Star Performer Award (Nominee)** – Nominated in recognition of consistent high performance and dedication.
- **LeetCode Problem Solving** – Solved 200+ algorithmic problems, demonstrating strong problem-solving skills.

Education

- **Dhirubhai Ambani Institute of Information and Communication Technology**   *Aug 2020 - Jul 2022*
  Master of Technology, Information and Communication Technology   CGPA: **7.06**/10
- **Chandubhai S. Patel Institute of Technology (CHARUSAT)**   *Aug 2016 - May 2020*
  Bachelor of Technology, Information Technology   CGPA: **8.72**/10