Kashyap Nirmal

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Work Experience

- **Adani Digital Labs, Ahmedabad** *Nov 2025 - Present*
  Assistant Manager - Technology
- **Knackroot Technolabs LLP, Ahmedabad** *Aug 2022 - Aug 2025*
  Software Engineer
  - **Kaspa Mining Pool (Node.js - TypeScript, Go)** *Nov 2024 - Aug 2025*
    * Built high-performance Stratum protocol handling 200+ ASIC 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 using TypeScript - Node.js for KRC20 and Solana token tracking and alerts.
    * Built ICP blockchain demo and presented ecosystem comparison to development team.
  - **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 with backend integration.
  - **Blockchain Backend Development (Node.js - TypeScript, Go)** *Aug 2022 - Sep 2023*
    * Tested, fixed, and added features to Node.js backend services for blockchain data processing.
    * Handled Go-based testing, bug fixes, and unit test development, achieving 89% test coverage.
    * Led team of 3 intern developers + 1 QA, coordinating blockchain integration across frontend/backend.

Skills

- **Programming Languages:** TypeScript, JavaScript, Go, Java, C++
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, TCP Socket programming, Docker, Nginx
- **Databases & Storage:** PostgreSQL, TypeORM, Redis (message queues)
- **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