

Kashyap Nirmal

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📁 Work Experience

- **Knackroot Technolabs LLP, Ahmedabad** *Aug 2022 - Present*
Blockchain Developer **Guides:** [Mr. Sandip Patel](#), [Mr. Ronak Patel](#)
 - **Kaspa Mining Pool Development (Go, TypeScript)** *Nov 2024 - Present*
 - * Added support for Bitmain, Goldshell, and Iceriver ASIC miners by updating encoding and configurations.
 - * Fixed critical bugs, launched open beta, and continue improving stability and features.
 - * Implemented a KRC20 rebate automation as an add-on to the payout system.
 - **Telegram Bots for KRC20 and Solana Donation Alerts (JavaScript)** *Sep 2024 - Oct 2024*
 - **Explored Internet Computer Protocol (ICP, Rust)** *Aug 2024 - Sep 2024*
 - * Re-learned Rust basics and developed a demo for a name service allowing domain registration and transfer.
 - * Delivered a session on ICP fundamentals and a hands-on demo.
 - **Decentralized Chat Application (Android, Java)** *Sep 2023 - Aug 2024*
 - * Created activities and fragments, refactored package structure, and handled Play Store updates (SDK 30-34).
 - * Managed app release on Play Console for client, working closely to ensure quality and timely updates.
 - **Cosmos SDK Appchain Development (Go, Cosmos SDK)** *Aug 2022 - Sep 2023*
 - * Collaborated on a Cosmos appchain project, achieving an 89% unit test coverage for core module.
 - * Integrated Cosmwasm module, IBC-transfers, custom modules, and governance proposal features.
 - * Led private testnet setup, bug fixes, and extensive manual testing in the Beta phase.

☰ Skills

- **Intermediate:** C++, Core Java, Cosmos SDK, Go, Android (Java)
- **Beginner:** C, Python, Advanced Java, React Native, ASP.NET, C#, SQL Server, Rust, JavaScript

</> Academic Projects

- **Android App Development** *May 2019 - Jun 2019*
Technology stack: *Android (Java)* **Guide:** [Mr. Akash Padhiyar](#)
 - Developed a navigator app showcasing implementations of various Android classes.
 - Included features like Activity lifecycle, Google Face API, SMS and Telephony Manager, Speech-to-Text modules.
- **Resource Management** *May 2018 - Jul 2018*
Technology stack: *ASP.NET, C#, SQL Server* **Guide:** [Prof. Kamlesh Makvana](#)
 - Created a web application to streamline resource requests for events like workshops and seminars.
 - Automated email confirmation for resource availability and approvals, reducing manual handling.

🎓 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**