Murtaza Patel

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TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Go, Rust

Frontend: React, Next.js, SolidJS, Tailwind CSS, Astro

Backend: Node.js, Express.js, Django, FastAPI

Mobile & Desktop: React Native, Android Development, Tauri 2

Databases & Cloud: PostgreSQL, MongoDB, AWS, Docker, GitHub Actions, CI/CD, Git, Linux

Tools: REST APIs, GraphQL, Playwright, WooCommerce API, Zoho API

WORK EXPERIENCE

Software Developer — Jigsaw Nation

- Engineered a full-stack e-commerce platform managing 10,000+ products and inventory workflows.
- Designed and implemented REST APIs handling 5,000+ daily requests and real-time data operations.

Software Developer — Bored Game Company

- Developed scalable full-stack architecture supporting modular business workflows.
- Built backend APIs for product, inventory, and review management.

Mobile Application Developer — Band Of Capes *(Jigsaw Journal)*

- Developed a mobile puzzle application with REST APIs for puzzle management, user interactions, and content delivery.

PROJECTS

ArchCalc *(Rust, Tauri 2, SolidJS, TypeScript)*

- Built a cross-platform native desktop workspace combining a calculator, real-time system monitor, unit converter, and developer utilities (Base64, JSON formatter, hash generator, UUID, and more).
- Implemented a custom recursive-descent expression parser and AST evaluator in Rust; shipped to AUR and GitHub Releases with 1,000+ downloads.

FileCraft CLI *(Python, Go, Click)*

- Built a cross-platform file automation and organization tool automating 10+ workflows through a modular CLI architecture.
- Published on PyPI and AUR, achieving 500+ downloads.

ACHIEVEMENTS & EDUCATION

- Secured 2nd Place at The Innovation Spark Startup Pitch Event for an SDG-aligned startup concept.
- Achieved 1,000+ downloads for ArchCalc and 500+ downloads for FileCraft CLI across AUR and GitHub Releases.
- B.Tech in Computer Science Engineering — G.H. Raisoni International Skill Tech University, Pune (Expected 2028)