

Muhammad Afzal Kalwar

Full-Stack Developer & Automation Engineer

Islamabad, Pakistan | Remote worldwide | Available for freelance & contract

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PROFESSIONAL SUMMARY

Software developer specializing in full-stack web applications, Python desktop software, and browser automation. I build production-grade tools including auto dialers, CRM platforms, email verification systems, and web scrapers. 40+ open source repositories on GitHub. Focused on clean architecture, reliable delivery, and maintainable code.

EDUCATION

Bachelor of Science in Computer Science

Air University, Islamabad | Graduated

Computer Science degree from Air University Islamabad - foundation in algorithms, software engineering, databases, and systems programming.

TECHNICAL SKILLS

- Languages: Python, JavaScript, TypeScript, Go
- Frontend: React, HTML5, CSS3, responsive UI
- Backend: Node.js, Express, FastAPI, REST APIs
- Desktop: PyQt6, Windows applications
- Automation: Playwright, Selenium, PyAutoGUI, RPA workflows
- Data: MongoDB, SQLite, PostgreSQL, Redis
- DevOps: Docker, Git, GitHub Actions, CI/CD
- AI/ML: TensorFlow, Whisper, Groq LLM integration

EXPERIENCE

Independent Full-Stack Developer

Freelance & Remote | Present

Deliver web apps, Python desktop tools, and automation pipelines for clients worldwide. Maintain 40+ open source repositories. Stack: Python, React, Node.js, PyQt6, Playwright.

SELECTED PROJECTS

Indus Transport Auto Dialer

PyQt6 desktop dialer - Google Voice, AMD, CRM, predictive pacing.

Bulk Email Verifier

Self-hosted email verification with Go + Node.js, Docker, SMTP validation.

Fiverr Lead Extractor CRM

Playwright scraper, MongoDB, BullMQ, Excel export, Electron desktop app.

CallAudit-X

AI call auditing - transcription, scoring, analytics SaaS platform.

Playwright Website Scraper Pro

Multi-page scraper with GUI, asset download, and screenshots.

Google Voice Dispatch Agent

Selenium automation with Groq LLM scripts and TTS integration.

SERVICES

Web development (React, Node.js, SaaS) | Python & desktop apps (PyQt6, FastAPI) | Automation & scraping (Playwright, Selenium) | AI integration (Whisper, Groq, ML prototypes)