

Zdeněk Budíček

Python Developer | Automation, APIs & Internal Tools

budicekz97@gmail.com · Czech Republic (CET/CEST) · Fully remote
Portfolio: zdenekbudicek.github.io · GitHub: github.com/ZdenekBudicek · LinkedIn: linkedin.com/in/zdenekbudicek
BuiltMind reference letter: zdenekbudicek.github.io/files/recommendation-builtmind.jpg

Python developer with **16 months of paid, part-time remote experience** at BuiltMind, building and maintaining 100+ property-site scrapers and internal tools on AWS Lambda/S3. Co-founder of CornerForge and primary developer of 4Corners, released on Google Play. Seeking remote Python development, automation or integration work.

RELEVANT EXPERIENCE

Junior Data & Python Developer · BuiltMind Jan 2023 - Apr 2024

- **100+ production scrapers** for property websites across CZ, DE and AT: asynchronous requests, retries and normalised data delivered through AWS Lambda and S3. Paid, part-time, remote.
- Built **Scraping Cleaner** for team-wide dataset validation and bulk correction, plus daily data-quality checks via the Notion API. Written recommendation linked above.

Co-founder & Developer · CornerForge · own studio, alongside full-time job Jul 2025 - present

- Primary developer in a two-person indie studio; shipped **4Corners on Google Play**. Built gameplay, cloud saves and server-side leagues with weekly rollover.
- Own implementation and releases across C#, JavaScript Cloud Code and Unity Gaming Services; investigate crash reports and tune the game through Remote Config.

CNC Setter / Shift Manager · MGG, Třešť 2016 - present

- Progressed from CNC setter to shift manager; lead afternoon and night shifts of **10-15 people**, allocate work, train colleagues and coordinate responses to production failures.

SELECTED WORK · SOURCE CODE LINKED

Trackora · personal investment-tracking web application · TypeScript / React / Supabase / PostgreSQL
Broker API synchronisation and statement imports with duplicate detection, PostgreSQL row-level security and scheduled data workers on GitHub Actions. **620 automated tests** with Vitest. Public source and a [browser demo](#) with synthetic data.

SQL Shop Inventory · Python / PostgreSQL
Refactored learning project: atomic orders with stock row locks and idempotent cancellation. **28 tests**, including real PostgreSQL tests for competing buyers and concurrent cancellations.

4Corners Save Conflicts · C# / .NET
Focused adaptation of game save logic: deterministic snapshot selection preserves advanced account progress during sign-in. Handles versions from different identities; **23 boundary and regression checks**.

SKILLS & WORKING STYLE

Development	Python, SQL, TypeScript, React, C#, JavaScript; PostgreSQL, Django, REST APIs, AWS Lambda/S3, Supabase, Git.
Data & quality	asyncio/aiohttp, pandas, Streamlit; validation, reconciliation, pytest, Vitest, GitHub Actions.
Workflow	Use Claude Code and Codex extensively; review changes, run regression tests and document limitations.
Leadership	Leading shifts of 10-15 people, incident handling, training colleagues; shift work is fine.
Availability	Available part-time immediately and full-time after my two-month notice period.

EDUCATION & LANGUAGES

Mechanical Engineering · Secondary Technical School (SPŠ), Jihlava · 2012 - 2016
Czech: native · **English:** B2, comfortable with daily work communication