

# Amr Bashir

*Fullstack Software Engineer*

*Passionate about customizing systems and exploring new technologies, continually seeking to innovate and expand my expertise.*



## Contact information

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- Location: [Tanta, Egypt](#)

## Work Experience

- [CrabNebula](#) (Nov 2022 - Nov 2024) - R&D Software Engineer:
  - Maintained the Tauri project as part of the R&D team ensuring robust performance and stability. Gaining a lot of knowledge about operating system APIs especially Windows, X11 and GTK.
  - Worked on a scalable cloud platform using Rust (Axum & Rspc) and MongoDB in the backend and SolidJS in the frontend and leveraging the Ory suite (kratos, hydra and keto) for user management and OAuth.
- Freelancing POS mobile app (Mar 2022 - Jun 2022):
  - Developed a Flutter Point of Sale (POS) system/application with an admin dashboard for iOS and Android.
  - The system included local server, database and communication between different devices.

## Open-source Experience

- [Tauri](#) (Since 2021) - Core working-group member and maintainer. Tauri is a framework to build cross-platform application using web technologies.

- [Hijri Widget](#) - Android widget application for displaying The Hijri date.
- [kal](#) - Keyboard-driven app launcher and productivity tool for Windows.
- [komorebi-switcher](#) - A minimal workspace switcher for the Komorebi tiling window manager, seamlessly integrated into Windows 10/11 taskbar..
- [vite-plugin-tauri](#) - A Vite plugin to integrate Tauri in an existing Vite project to build cross-platform apps.
- [amrbashir.me](#) - My personal website using Astro.

## **Skills**

### ***Programming Languages***

Rust, JavaScript/TypeScript, PowerShell, Bash, Kotlin, C/C++, Python, Dart

### ***Back-end Technologies***

Axum, MongoDB, SQLite, Docker, Node.js, Deno, GitHub Actions, Cloudflare Workers

### ***Front-end Frameworks***

Vue.js, SolidJS, React, Astro

### ***Desktop applications Technologies***

Tauri, Electron, Win32, GTK

### ***Mobile applications Technologies***

Kotlin and Jetpack Compose, Dart and Flutter

### ***Design Skills***

Figma, Adobe Photoshop, Adobe Illustrator, Inkscape

## **Education**

- Bachelor in English Literature (2016 - 2020)

Faculty of Languages and Translation, Al-Azhar University

## **Languages**

- Arabic (Native)
- English (Fluent)