

ABOUT ME

Rust Software Developer

Since 2019

Focused primarily on Rust with a particular interest in Web Assembly.

Full-Stack Developer

Since 2010

Started in 2010 primarily with WordPress, my expertise has expanded to include a range of technologies and languages such as PHP, JavaScript, Python, AWS, Docker, and more.

RECENT EXPERIENCE

NFTx Ledger / NFTx Trade

Jul 2023 – Present | Full-Stack Developer

Founder. NFTx is a startup specializing in NFT development with WASM. It leverages WASM to create standalone and interactive NFTs.

PXN / Grey Market

Sep 2022 – Jul 2023 | Rust Developer

Developed serverless applications for PXN/Grey Market, a crypto marketplace. Most of these were based on WASM and deployed on Cloudflare Workers.

Pyroscope / Grafana

Nov 2021 – Aug 2022 | Rust Developer

Developed a profiler client for Pyroscope, an early-stage YC startup. The client, written in Rust, was open-sourced and has since become part of Grafana following Pyroscope's acquisition by Grafana Labs.

EDUCATION

Sfax Medical School

2009 – 2012

PROJECTS

Giton ↗

2024 | Rust

AI Augmentation utility for Git. Utilizes Open AI API for predictions.

Wrapped Namecoin ↗

2023 | TypeScript/Solidity

ERC-20 Token Wrapper for Namecoin; the first altcoin to be created. Can be used to enable decentralized trading on Uniswap.

Pyroscope Profiler ↗

2022 | Rust

Profiling client for Pyroscope. Supports Rust, Ruby and Python with FFI integrations.

rust-starter ↗

2020 | Rust

A starter boilerplate to create a Rust CLI application.

crates.live ↗

2019 | Rust/TypeScript

A dependency visualizer for Rust crates with data pulled from crates.io. Backend written in Rust, compiled to WASM and deployed on Cloudflare Workers.

SOCIAL & CONTACT

omarabid.com ↗github.com/omarabid ↗

Kuala Lumpur, Malaysia

hey@omarabid.com

(+1) 202 539 0120

PREVIOUS EXPERIENCE

Network Administrator / Generalist

2008-2011

Worked at a local company to set up local wired networks, and repair computers and printers. During this time, I also developed my first application: a Barcode Generator for an accounting Software.

Freelance Contractor

2011-2016

Contracted with dozens of clients over this period to develop WordPress/Laravel websites producing final applications from specifications. I also augmented several offshore teams in Europe, the US and Australia.

Envato Seller

2011-2017

Developed WordPress and JavaScript products for sale on the Envato Market platform. Sales crossed over \$75.000.

Envato Profile (The products have been retired)

Crypto Trader

2017-2019

Had a short stint trading crypto for around two years. Broke even.

Due Diligence Consulting / The Modular Company

2019-2020

Performed due-diligence for various startups in Western Europe. I assisted teams both on-site and remotely.

Open Source Development / Rust

2020-2021

Decided to flip to Rust full-time. Started picking up on and learning the language and its ecosystem.

TECHNICAL EXPERTISE

Front-End Development

TypeScript

HTML

CSS

Picked front-end development from the early days of HTML and CSS. Joined the React/NextJS wave too.

Back-End Development

PHP

Node.js

Python

Docker

Data

PostgreSQL

GraphQL

Redis

Linux

Bash

ArchLinux

Neovim

Custom Archlinux setup with Neovim as my primary editor. Prefer the terminal over GUI.

DevOps

AWS

Cloudflare

Terraform

Deployed applications on AWS and Cloudflare Workers. Used Terraform for infrastructure as code.

Languages

English

French

Arabic

Native Arabic speaker. Learned French in school and English through work. Beginner's level of Spanish and Chinese.