Ahmed Lukman | Full-Stack Engineer (Front-End Focus)

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EXPERIENCE

Yoonka *Full-Stack Engineer (part-time) · Promoted from Front-end Engineer* Oct 2024 – Present

- Built the first working prototype of a **debugger for Arc XP**, a digital publishing platform. Using Astro and React, the tool showed developers which content requests had failed on a live page or in saved HTML.
- Built a **visual canvas editor** in Svelte that lets users create page layouts by adding text and images, then moving, resizing, and aligning them on the canvas.
- Built **resumable multi-file uploads** with Uppy in Svelte and a Go-based tus upload server (tusd) managed by Elixir. Users can resume interrupted transfers and choose which files to replace or skip.
- Redesigned **server-side rendering** for three web apps by replacing the Astro middleware with a direct connection between Elixir and Node.js rendering workers, eliminating one HTTP hop per render.
- Built a **supervised request pipeline** in Elixir with GenStage to fetch, transform, and deliver data to the UI.
- Developed an **Elixir/OTP runtime** that runs apps from installed packages. Each app can start and stop independently, and the runtime relaunches previously active apps after a restart.

Thomson Reuters *Front-end Engineer (part-time)* Oct 2024 – Present

- Migrated a **17-package React component library** behind Reuters.com from Webpack and Babel to Vite and SWC. Consolidated build configuration, removed about 1,500 lines of duplicate code, and sped up builds and dev-server startup by 1.5–2×.
- Resolved production issues behind roughly **40,000 failed article renders per week** and **70,000 sign-in SDK errors per month** by handling incomplete content during rendering and recovering from transient network failures.
- Upgraded the **entire dependency stack across three front-end repositories** over two years, including major upgrades to React 19, Next.js 16, Storybook 10, and Jest 30. Migrated Reuters.com from CommonJS to ES modules while preserving Arc XP runtime compatibility.
- Introduced **TypeScript** across the Reuters.com front end and shared component library, giving developers consistent type checks and catching incompatible component props during development.
- Built a **design-token pipeline** that converts Figma design tokens into responsive, multilingual SCSS typography styles.
- Designed an **AI-assisted dependency upgrade workflow** in GitHub Actions that coordinates changes across two codebases, tests them against pre-release builds, and opens pull requests for review each release cycle.

@iLabAfrica · Front-end Developer Intern Feb 2023 – Aug 2023

- Worked with UI/UX designers and engineers to turn interface designs into working web features.
- Contributed to front-end development for two institute projects, Adapta and SSAMS.

Trinetium DMCC · Front-end Developer Intern Jul 2022 – Oct 2022

- Built interactive Next.js components that let users move items by dragging and dropping them.
- Integrated Express APIs with the front end to bring backend data into the interface.

OPEN SOURCE

Wekan CLI github.com/AhmedLukman/wekan-cli

Published a Rust command-line client for managing Wekan boards and cards. It exposes 167 REST operations and returns structured JSON so teams can automate repeatable board updates.

TECHNICAL SKILLS

Languages TypeScript, JavaScript, HTML, CSS, Elixir, Rust, SQL
Frameworks/libraries Svelte, React, Next.js, Astro, Tailwind CSS
AI coding agents Agent harnesses, MCP, skills, and CLI

EDUCATION

Strathmore Institute 2023

Diploma in Business Information Technology, with distinction. Best student in the program.