Sahda Samier

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 sahdasamier

Summary

Product-minded software engineer focused on turning complex problems into simple, reliable experiences. Collaborative, fast-learning, and detail-oriented; I bring ownership, clarity, and calm to teams. Motivated by impact and craft, with a growth mindset and a high bar for quality.

Experience

Civicsky , Project lead, full-stack developer   USA, Tucson (Remote)
10/2025 – Present

- CivicSky is a **civic engagement bridge** that connects independent publishers (using Ghost CMS) to the growing Bluesky social network, while embedding actionable civic opportunities directly into their content.
- As project lead, I spearheaded the end-to-end development of a full-stack social content platform enabling real-time cross-platform publishing by integrating Ghost CMS, Bluesky, and Mobilize.us, with custom authentication, onboarding, and automation systems.

Company Website: civicSky
Contact: Founder: George Polisner , George Polisner

Digital Egypt Pioneers Initiative (DEPI)   Egypt (Remote)
Full-Stack Developer Instructor   9/2025 - 12/2025

- Delivered a 3-month project-based full-stack development training program.
- Mentored students throughout the complete training round until successful completion.
- Guided learners on real-world applications, clean code, and best practices.
- Supported students in career readiness and technical skill development.

Company Website: DEPI

Linked trust , product/tech lead, full-stack developer   USA, Tucson (Remote)
03/2022 – Present

- We're building a decentralized platform where people can easily validate and share claims like skills, achievements, in a transparent and trustworthy way. The idea is to make trust and credibility something that's accessible to everyone: individuals, organizations, and communities.
- Product/Tech Lead for **LinkedTrust**, a decentralized trust-claims platform; shipped web app, public API, and data graph that converts signed claims into verifiable nodes/edges powering investigations and resumes.
- **Company Website:** linkedTrust.us
- **Contact:** Founder: goldavelez

Magdi Yacoub Heart Foundation, Front-end developer   Egypt
07/2023 – 12/2024

- Heart hospital in Egypt seeking to enhance cardiac care through advanced healthcare practices, expanded research, and cutting-edge technology integration.
- Enhancing the front-end web page of the hospital to facilitate communication between patients and medical staff.
- Implementing features to display appointments, details about doctors and nurses attending to patients, and prescribed medications.
- **Company Website:** Magdi Yacoub heart foundation

- **Contact:** Mohamed Bastawi ↗

Skills

Languages: JavaScript, TypeScript

Frontend: Next.js, React.js, Material-UI, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, Prisma, RESTful API

Databases: PostgreSQL, MySQL, MongoDB.

Tools & Other: Git, GitHub, UX/UI Design, Docker, Firebase (Authentication, Hosting, Storage)

Projects

Civic Sky   10/2025 – Present

- **Built full-stack social content platform from scratch** using TypeScript, Node.js, Express, and React - connecting Ghost CMS to Bluesky with automated content syndication, achieving real-time cross-platform publishing
- **Architected complete authentication and database system** implementing OAuth 2.0, JWT authentication, MySQL with Prisma ORM, handling multi-tenant credentials and content tracking across platforms
- **Developed wizard-based onboarding interface** with real-time validation of Ghost Admin/Content APIs and Bluesky AT Protocol, enabling non-technical users to connect platforms in 3 steps
- **Integrated multiple external APIs from scratch** (Ghost CMS, Bluesky AT Protocol, Mobilize.us) with custom error handling, webhook systems, and automated civic action card generation for embedded CTAs
- **Technologies**
  - **Backend & Data Architecture:** TypeScript, Node.js/Express.js, Prisma ORM, MYSQL (Optimized with GIN Indexes), JWT Authentication.
  - **Frontend & UI/UX:** Next.js, TypeScript, Material UI (MUI).
  - **APIs & Decentralized Protocols:** Ghost Content/Admin API, Bluesky AT Protocol, Mobilize.us API, Custom RESTful API Design.
  - **Tools:** Docker (Containerization/Orchestration), Git, Postman/Swagger Documentation, Prisma Studio.

Linked Trust   04/2023 – 9/2024

- Provided technical direction for the frontend application (built with TypeScript/Vite), focusing on enhancing the UI and user flow to improve engagement and overall user experience.
- Architected and led the development of the primary Node.js/TypeScript backend service. Created API endpoints(documented in `docs/swagger`) that facilitate the assertion and retrieval of trust claims.
- Engineered the database layer using PostgreSQL and Prisma ORM. Implemented critical features like database seeding, migration deployment, and manual index application
- **Technologies**
  - **Backend & Data Architecture:** TypeScript, Node.js/Express.js, Prisma ORM, PostgreSQL (Optimized with GIN Indexes), JWT Authentication.
  - **Frontend & UI/UX:** React, TypeScript, Material UI (MUI).
  - **Tools:** Docker (Containerization/Orchestration), Git, Postman/Swagger Documentation, Prisma Studio.

- Github: github.com/Whats-Cookin/trust_claim ↗
- Live Demo: linkedtrust.us/feed ↗

Magdi Yacoub Heart Foundation   07/2023 – 12/2024

- Contributed as an IC on the web team to enhance the hospital website and internal portal, improving overall user engagement and task flow for clinical and patient users.
- Built new role-specific pages for doctors, nurses, and patients to create/update medical histories and review records, with clear form states and validation.
- Integrated front-end pages with existing APIs (auth/profile/history endpoints) and coordinated with backend to define payloads and error handling.
- Participated in code reviews and wrote concise PR notes / handover docs to keep collaboration smooth across designers and engineers.
- **Technologies**
    - **Frontend & UI/UX:** Next.js, TypeScript, Material UI (MUI).
    - **Tools:** Docker (Containerization/Orchestration), Git, Prisma Studio.
- GitHub: github.com/AHC-APPS/observership ↗

Leadership and Community Engagement

Ambassador at Women Techmakers   08/2024 – Present

- Google's Women Techmakers program provides visibility, community, and resources for women in technology.

Organizer in Google developer Aswan group   04/2020 – 01/2025

- Google developer Aswan group provides visibility, community, and resources for people in technology.

Presenter, UDAAN Event – AIESEC Dehradun, India   2021

- Represented Egypt and showcased its culture and attractive destinations.

International Relations Manager, AIESEC   2020 – 2021

- Incoming Global Volunteer Department
- Facilitated cross-cultural experiences for international volunteers, enhancing program effectiveness.

Speaker Committee – TEDx ASWAN University   2019 – 2021

- Contributed to organizing TEDx events, selecting and mentoring speakers.

Youth Leadership Programme Trainee   2020

- United Nations Development Programme (UNDP)
- Contributed to youth empowerment initiatives, promoting sustainable development.

Certificates

- **ALX AiCE**   *May 2024 – Jul 2024*
  AI Career Essentials
    - Learning a collection of AI tools
    - Creating a professional AI toolkit
    - Certificate: ALX AiCE Certificate ↗
- **Google (Coursera)**   *Dec 2023 – May 2024*
  User Experience (UX) and User Interface (UI)

- **Foundations of User Experience (UX) Design** – Introduction to UX principles, user research, and the design process.
    Certification Link ⬈
  - **Build Wireframes and Low-Fidelity Prototypes** – Creating wireframes, usability testing, and iterative design.
    Certification Link ⬈
- **FreeCodeCamp**   *Nov 2021 – Mar 2022*
  JavaScript Algorithms, Data Structures, and Frontend Development
  - **Responsive Web Design** – Foundation in HTML, CSS, and accessibility.
    Certification Link ⬈
  - **JavaScript Algorithms and Data Structures** – Core JavaScript skills, ES6+, data structures, and algorithms.
    Certification Link ⬈
  - **Front End Development Libraries** – Advanced frontend with React, Bootstrap, and jQuery.
    Certification Link ⬈

Education

Bachelor of Science in Business   2018 – 2021
- University: Egypt
- Grade: B+
- focused on core business principles, mathematics, commercial strategies, technology integration, and statistical methods

Languages

English: Professional Working Proficiency

Arabic: Native or Bilingual Proficiency