

# Ahmed Hany

## Senior Software Engineer

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I am a Senior Software Engineer with a strong commitment to continuous learning, exemplified by completing a 12-month Software Engineering program at ALX Africa. I work using the latest technology to build and improve software solutions. I use my deep knowledge and leadership skills to enhance our products and teach new engineers, ensuring we always achieve excellence.

### WORK EXPERIENCE

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**Senior Software Engineer** 05/2023-Present

[tru.net](https://tru.net), Broadway Oakland CA, Remotely

- design and develop robust, scalable social platforms while staying updated with technologies from [jilinc labs](https://jilinc.com).
- Team Lead and mentor for junior engineers and uphold coding best practices.
- Communicate effectively with team members, product manager, and other departments.

Contact: CEO Surya Kramer

[linkedin.com/in/surya-kramer-../](https://linkedin.com/in/surya-kramer-../)

**Software Engineer** 04/2023-05/2023

[cooperation.org](https://cooperation.org), Tucson, AZ, Remotely

- Lead "linked trust", a web3 project which was built on A WHITE PAPER FROM RWOT XI: THE HAGUE named Composing Credentials via LinkedClaims and Cryptographic Binding.
- Maintain code changes at the frontend (react) and backend (nodejs) and scrapers (python).

Contact: CEO Golda Velez

[linkedin.com/in/goldavelez/](https://linkedin.com/in/goldavelez/)

**Software Engineer** 10/2022-12/2022

[Modareseen LLC](https://modareseen.com), MN, Remotely

- built Fully functional website with microservices architecture using Next.js and online Payment System (Stripe API), Search (Algolia search), and serverless functions with firebase.
- Calculating the architecture cost overtime and report it to help in decision making.

Contact: Omar ElMenoufy

[linkedin.com/in/omar-elmanoufy-../](https://linkedin.com/in/omar-elmanoufy-../)

**Front-End Team Lead** 04/2021-07/2022

[whatscookin.us](https://whatscookin.us), Tucson, AZ, Remotely

- Led the Team to push features, maintain UI components at [Storybook](https://storybook.com), End-to-end testing with [Nightwatch](https://nightwatch.io).
- Updated the infrastructure of [Whatscookin](https://whatscookin.us) to use [Next.js](https://next.js.org) for SEO purposes.

Contact: CEO Golda Velez

[linkedin.com/in/goldavelez/](https://linkedin.com/in/goldavelez/)

**Software Engineer** 05/2020-04/2021

[Aswan University](https://aswan.edu.eg), Aswan, Egypt, Hybrid

- Created Registration website for online Military training using [Vue.js](https://vuejs.org) styled with [Vuetify](https://vuetify.com), and with [firebase](https://firebase.com) Real-time database and [web sockets](https://socket.io).
- Automated Moodle LMS For getting information and editing settings over 3000 courses using C# & [selenium](https://selenium.dev) web automation.
- Made Support live chat system fully automated by [google forms](https://google.com/forms) and [selenium](https://selenium.dev) web automation to send WhatsApp Direct Messages.

Contact: CTO Prof Mohamed Eid

[dr\\_meid@sci.aswu.edu.eg](mailto:dr_meid@sci.aswu.edu.eg)

**Software Developer** 01/2017-10/2017

Ahmed4Apps, Aswan, Egypt, in-office

- Independently ideated, designed, and developed a full-fledged UWP application.
- Successfully launched the app on the Microsoft Store, navigating the store's approval process and ensuring compliance with Microsoft's guidelines.
- Implemented in-app purchase system, resulting +400\$ revenue.

Contact: Ahmed Hany

[me@ahmedhany.dev](mailto:me@ahmedhany.dev)

## EDUCATION

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### Holberton School 12-month Software Engineering programme

02/2023-04/2024

[ALX Africa](#), online

[Certificate](#)

Courses:

- Bash & C & Python
- Databases
- Algorithm & Data Structure
- Devops
- Frontend
- Backend

### Google Africa Developer Scholarship

08/2020-02/2021

[pluralsight](#), online

[Certificate](#)

Courses:

- Responsive design
- Javascript
- ReactJS

### Bachelor of Science in Zoology

10/2018-05/2022

**Aswan University**, Aswan, Egypt

Courses:

- Chemistry
- Cell and Molecular Biology
- Comparative Anatomy
- Taxonomy and Systematics
- Physiology
- Entomology

## SKILLS

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**Frontend:** HTML · CSS · Javascript · Vue.js · React.js · Next.js.

**Backend:** Node.js/Express · Python · C#.

**Cloud:** GCP · AWS · Azure · Cloudflare worker · Docker.

**Data & Backend Services:** Firebase · SQL (e.g., PostgreSQL, MySQL) · NoSQL (e.g MongoDB).

**Version Control:** Git/Github, GitLab, CI/CD tools.

**Automation:** Web Scraping · Web Automation.

**Testing & Quality Assurance:** Unit testing frameworks · Selenium · Jest.

**Collaboration & Agile Tools:** JIRA, Trello, Slack.

## CERTIFICATES

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Training at **National Research Centre** at Veterinary research

08/2022

Completing **The Nile** summer training of practical Applications of pharmaceutical industry.

10/2021

Observership program at **Magdi Yacoub Heart Foundation** at Hematology, Chemistry, Microbiology units.

08/2021

**Google** Developer Student Clubs Lead at Aswan University.

07/2022

Kickstart your Career in Tech at **Bamboo Geeks**: Design Thinking, Agile principles and Scrum.

08/2020

## ACHIEVEMENTS

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Ranked <200,000 at [leetcode](#) from over 5,000,000 users.

## PERSONAL PROJECTS

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### Google Developer Student Clubs Certificate

08/2021

Certificate generator app for Google Developer Student Clubs Leads to make certificates for core team members , made with next.js and firebase authentication and firestore.

[app link](#)

### Aswan University websites monitor

03/2022

uptime monitor and status page, powered by Cloudflare Worker. made with ReactJs and Material-ui.

[app link](#)

## ADDITIONAL PART TIME WORK EXPERIENCE

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- Instructor at Egypt's children's initiative for programming and artificial intelligence. 12/2022 - 02/2023
- Web Instructor at AAST - Aswan Branch Web level 2 (React). 03/2022 - 04/2022
- Web Instructor at AAST - Aswan Branch Web Level 1 (HTML-CSS-JS). 10/2021 - 11/2021
- Web Mentor at Magdi Yacoub Heart Foundation. 09/2021 - 09/2023
- Mentor at Google Africa Developer Scholarship. 07/2021 - 07/2021

## LANGUAGES

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**English:** Professional Working Proficiency [B2](#).

**Arabic:** Native Proficiency.