

YOUSSEF ABOUELGHAR

youssef_aboualghar@hotmail.com | +1 (551) 363-7024 | North Plainfield, NJ 07060
www.linkedin.com/in/youssef-aboualghar-a13066111 | https://youyou775.github.io/three-resume/

SKILLS

3D Modeling:

- Three.js, WebGL
- Unity, Blender

UI Design

- Adobe XD, Figma

Programming & Web

Development Technologies:

- C#, .Net
- HTML/HTML5, CSS.
- JavaScript, and TypeScript.
- Node.js, React/Redux, Angular
- SQL (MySQL, MSSQL),
- No SQL (Mongo DB)
- GraphQL
- Git, GitHub,
- AWS/Cloud.
- REST APIs.
- Agile methodologies.

AWARDS

Aug 2025

Fiserv

- Got a level 2 award for creating useful design pattern and co-managing project ccm

Jul 2024

Fiserv

- Got a level 3 award for creating a pdf viewer on Angular for Dna

May 2021

Nilepreneurs

- Conix Incubation received 1st award for launching Conix AI platform.

LANGUAGES

English

Native/Bilingual

Arabic

Native/Bilingual

French

Professional Level

Japanese

Intermediate

SUMMARY

Senior Full Stack Developer / 3D Computational Designer

- A problem-solving full stack developer with 7+ years of experience in front-end and back development coupled with 3D and graphic design.
- knowledge of AI Systems developing an AI system from scratch. Streamlining the design process by over 90%.
- Knowledge of multiple languages and current development lifecycles.
- Mentoring and co-managing junior developer teams.

EXPERIENCE

Jan 2024 - Present

Senior Full Stack Developer | Fiesrv

- Maintained 2 front-end projects from beginning to end. Relying on angular to serve more than a hundred banks.
- Contributed in change of legacy WinForms .Net 4.8 stack to a new C# .Net 8.0 and Angular stack.
- On the back-end used GraphQL connections in a mega project, along with Postgres on the smaller one.
- Mentored and co-managed 6 junior developers.
- Worked in an Agile environment with 2-week sprints, daily standups, and bi-weekly retrospectives

Jul 2021 - Jan 2024

Senior Full Stack Developer / Computational Designer | Conix

- Switched to Angular/React and Node.js to improve scalability. Increased deployment efficiency by 50%.
- Managed DevOps through GoDaddy and then Cloudflare, reducing costs by 33%.
- Wrote database using MYSQL migrating from MSSQL.
- Secured \$1.2 million in funding. While reduced design time by over 90% through AI development.
- Deployed our stack on AWS, serving over 1000 users.
- Managed a team of 3 computational designers/developers.

Jul 2017 - Jun 2021

Full Stack Developer / Computational Designer | Yusuf Fahmy Architects (YFA)

- Worked in a startup environment
- Developed custom tools in C# and .NET, combining architecture and coding for innovative solutions.
- Designed algorithms in Java and Processing to automate 3D modeling.
- Built physics engines from scratch using C# and Grasshopper.
- Created and maintained company website using JS and ASP.NET.
- Incorporated PHP and React for our web design. Deployed on Digital Ocean cutting costs by 20%.
- Secured first enterprise client seed round to found startup Conix.AI

EDUCATION

Sep 2012 - Jun 2017.

Bachelor's Degree in Architecture | MODERN ACADEMY

- Graduated with a B+ average (above 80%). Demonstrated creative computational design skills.
- Conducted innovative research and implemented new systems. Developed concepts using beginner C++