Ahmed "VisualPlugin" Abo-Shadi

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> **I'm seeking a full- or part-time position in Orange County, California. I can work remotely or in-person.**
> **My objective is to work for a software company which promotes social good and nurtures coöperative relationships!**

Technical Skills

• Node.JS	• Python	• PowerShell	• Bash	• MySQL
• HTML5/CSS3	• Git; GitHub	• GNU/Linux	• C++	• Documenting Stuff
• React	• Roblox Lua(u)	• Network Stack	• Docker Compose	• VS Code
• MongoDB	• FFmpeg	• TCP/IP	• PHP	• UX Design

Education

University of California, Irvine
March 2024

- *Completed a BS in Software Engineering with a GPA of 3.671*
- *Demonstrated strong proficiency in courses relating to the network stack*
- *Enrolled at the school of Informatics & Computer Science*
- *Participated at ACM; devised and presented solutions for LeetCode problems*
- *Started course track for MS in Software Engineering programme at CSUF*

Projects

Bring Back Buffets
2021-03 / 2021-04

Bring Back Buffets was a mobile web app written in JavaScript with the objective to revive buffets that had to close due to Covid. This project's user-interaction model drew inspiration from how Korean barbecue establishments operate.

- *Engineered separate user interfaces for customers, cashiers, and kitchen staff*
- *Streamlined the Covid dining experience UX with mobile device ordering*
- *Developed a cashier system for efficient order tracking*
- *Built a front-end for bussers to ensure timely order preparation and delivery*

GoAnimate Wrapper
2019-12 / 2020-11

GoAnimate Wrapper is a locally-hosted project with product features to interop with Vyond's Legacy Video Maker. With a team of community experts, Wrapper became my most significant production-level full-stack web infrastructure project.

- *Created and scaled a modern Node.JS interface replicating GoAnimate's back-end functionalities*
- *Reverse-engineered Shockwave Flash files and analyzed legacy ActionScript code*
- *Delivered hundreds of engaging video experiences by May 2021*
- *Over 21,000 results on a YouTube query for Wrapper and derivative works*

Tubeup
2023-08

Tubeup is a project I reviewed and contributed code to re-upload videos from my YouTube chanel to the Internet Archive.

- *Addressed apparent bugs within a payload of 234 YouTube videos*
- *Implemented fixes on GitHub to account for deleted assets*
- *Intuited yt-dlp's Python interface*

Work/Community Experience

Front-end Developer at GameIn — *a tool to match e-sports streamers and paying sponsors*
2023-09 / 2024-03

Implemented mobile-responsive pages using Next.js (and thus React) from existing mockups
Collaborated directly with other developers and C-suite personnel

Professional Engineering Course Center *(on call)*
2015-06 / Present

Consulted in provisioning GNU/Linux file servers for office use using Ubuntu and Samba
Assisted in architectural and structural design plans of commercial and industrial sites