

Hassan Kanj

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Summary

I am an independent programmer (Freelancer), a Maker, and I host a podcast and teach programming related topics on my YouTube channel (صوت المبرمج - coder voice), and how to design hardware products on my other YouTube channel (KanjWorkshop).

I have a diverse set of skills that includes computer programming, building websites and mobile apps, 3D printing, 3D CAD design, PCB design, designing and building hardware products, and more..

Despite the apparent diversity of these skills, what they have in common is that they complement each other in a way that helps me implement my vision and to transform my ideas into actual products, whether these products are commercial or fun side projects.

So as you can see, I enjoy working and experimenting with different aspects of the programming stack, whether it is hardware, software or web, and based on your requirements, you may hire me as one (or more) of the following:

- **Full-stack web developer:** Building fully functional websites (CMS, e-commerce,...)
- **Mobile app developer:** Building cross-platform mobile apps
- **Maker:** 3D CAD design, PCB design, 3D printing, building IoT (Internet of Things) products and embedded systems,...
- **Instructor/Trainer:** Provides private tutoring or workshops in topics such as programming, web development, 3D printing, 3D CAD design,..
- **Technical consultant**

My motto is everything is doable, the expression ~~this can't be done~~ is not part of my vocabulary, so feel free to reach out to me with your craziest idea, whether it is a software, a hardware product, or a web app. I will be listening.

Note for business owners: I am more interested to work remotely or part-time but not full-time, if you are considering that, send me an email and let's talk about the details.

Experience

OWNER/DEVELOPER, QUALTECH – AUGUST 2015 - PRESENT

Website development, Mobile apps development, building E-commerce platforms
website: <http://www.qual.tech>

WEBSITE & MOBILE DEVELOPER (FREELANCER) –FEBRUARY 2012 - PRESENT

FOUNDER/HOST, CODER VOICE صوت المبرمج – MARCH 2016 - PRESENT

صوت المبرمج هو بودكاست ودروس بالعربية تتناول كل ما له علاقة بالبرمجة والمبرمجين
website: <http://www.codervoice.com>

CO ORGANIZER, BEIRUT MINI MAKER FAIRE 2019

co-organized the 1st licensed Mini Maker Faire in Lebanon
website: <https://www.facebook.com/bmmf2019>

FOUNDER/MAKER, KANJ WORKSHOP – APRIL 2018 - PRESENT

An educational platform for 3D printing, electronics, hardware programming, and more..
website: <https://www.kanjworkshop.com>

WEB DEVELOPER – MEDIA NETWORK – 2009 - 2011

Website developer

Education

- Lebanese International University – Bachelor's Degree in Computer Science, Graduated with honor (GPA 3.39), 2005 - 2008
- I finished multiple courses in the Masters in Computer Science program at AUST with good grades, but I dropped out.

Skills

PROGRAMMING/COMPUTER RELATED SKILLS:

- Website Development (Full-stack) (Front-end development, Back-end development, HTML, Javascript, CSS, bootstrap, PHP, Laravel framework, REST API,..)
- Building websites using Wordpress, Drupal 8 and Laravel
- Building e-commerce websites using Magento 2
- React Native
- Familiar with Python and NodeJS
- SysAdmin (Managing servers + hosting)
- Docker (I have published a free online course about that)
- Familiar in working with Linux and using the command line

HARDWARE DESIGN/BUILDING SKILLS:

- Programming hardware boards using Micropython
- 3D parametric design using FreeCAD (I have published a free online course about that)
- 3D Printing skills (Design/slicing/printing/troubleshooting)
- PCB design using DipTrace
- Familiar in dealing with electronic parts and building hardware prototypes (Basic electronics, soldering, micro-controllers, connecting sensors)

TRAINING/TEACHING SKILLS:

- Good teaching and communication skills, with the ability to explain difficult concepts in a comprehensible way.

Honors & awards

- First place winner at Bank Du Liban Web and Mobile Hackathon 2015

- First place winner at DevAppLB PitchFest (April 2013)
- Graduated with an Honor Degree from the Lebanese International University