Mohammad Sameeh Gharbat – intp

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About:

I like to mix between solid theoretical information and real-life practical skills, one eye on the product and the another on codes.

Achievements:

- First Place in Innovate2Start out of 20 team [Programming + entrepreneurship].
- Winner in GitHub Local Hack Day Hackathon out of ~20 team [Programming].
- 6th best graduation project in ITSAF Conference out of 56 team [Programming].
- 28th place in ACM AmmanCPC Contest out of 60 team [Programming].
- First author in published paper at JEEIT 2019 conference [Programming + AI]
- Scholarship to DCU in Ireland to study Digital Forensics in practice [Security].

Technical Skills:

- Full stack web development using cutting edge tools and technologies:
  - **Backend:** Vanilla PHP or PHP Laravel, Python, Node.js, MySQL, SQLite, API consuming.
  - I can build and deploy full well-structured web apps that works smoothly using reliable deployment methods such as Git based deployment and zero down time deployment.
  - **Front End:** HTML, CSS, SASS, JavaScript, Vue.js, Webpack, Bootstrap etc...
- Python for scripting and building powerful small scripts to do selected jobs such as massive data crawling from the web and more (Advanced Data Crawling)
- DevOps: server configuration, logging management using elastic search, bash scripting, containerization, Ansible Automation...etc.
- Git services and git workflow
- Data structures and code complexity
- Web security [Built a fully working system for penetration testing]
- Docker containers for ready to ship standalone packed apps.
- Adobe PhoneGap for hybrid mobile development.
- Adobe Photoshop, Adobe XD for UI/UX design [1,2]
- Basic in Kubernetes for containers orchestration.

Selected Personal Projects:

- **Penslab.com**
  - Competitive penetration testing platform with its own isolation system, ~~built from scratch using PHP 7,~~ Now it's built by Laravel, MySQL, it can handle any web exploit as a question with a totally customized cheat prevention system that automatically works behind the scene, **now it's used by hundreds of students and learners.**

- **Jowebguru.com**
  - WebGuru bootcamp is 4 months long bootcamp, every 4 months we teach only 15 selected students how to start their careers in web development industry using state of the art tools and technology, **now we have graduated 15 students after 4 months of training.**

- **deepfeel.tech**
  - DeepFeel is machine learning powered app that can know what you feel only from your voice, I built it from scratch and doubled the dataset using data manipulation tricks and smart 3 seconds crowdsourcing data set gathering, built the API endpoints using Python (Flask).

Experience:

- **Peak.jo – Software Engineer 1/11/2018 - 1/12/2019 [Part time]**
  - Worked directly on peakmena.com platform, where I was a key developer using PHP Laravel, Vue.js, and various web technologies.
  - Worked on more than 4 projects, I was the owner of one, for different clients and connected directly with the clients.
  - Worked with Adobe PhoneGap and FW7

- **Opensooq - Software engineer 1/12/2019 - present [full time]**
  - Worked directly on Opensooq chat, where we deliver very fast built from scratch messaging platform, I have implemented some major features and fixed bugs, refactor large part of the project to ensure it is updated and modern.
  - I was the owner of Opensooq Maps, where we have built our self-hosted enhanced maps that replaced google maps and saved costs, consist routing, search, plotting.
  - Worked directly on Opensooq AI platform, I have implemented some of text classification tools for auto categorization and learned about some advanced methods and tricks we use.
  - I was the owner of Opensooq crawling and analysis platform where I have written parallel multi thread scripts to scrape massive data from the web (in TB) and I have done a lot of reverse engineering on many apps.
  - I was the owner of Opensooq Logging platform using disk-less centralized opensource tools, the platform was able to log and visualize more than 20 GB in a day from multiple sources.
  - Worked on most of Opensooq microservices, also worked with servers, web servers, docker, Kubernetes and many large and small scripts.

Education:

- **Jiza High School – Scientific section – 2016**
- **Dublin City University (Ireland) – Scholarship in digital forensics – 2019**
- **The University of Jordan – Computer Science – 2016-2020**

Volunteering and social:

- **Workshop and training about digital forensics (+ 60 attendant for 3 weeks).**
- **My answers about software engineering at Quora (+18K views and upvotes):** https://ar.quora.com/profile/Mohammad-Gharbat
- **Opensource Scripts (PHP, JavaScript)**

Published Researches:

- (Discovering the Applicability of Classification Algorithms with Arabic Poetry) – 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology Mohammad Gharbat*, Heba Saadeh, Reem Q. Al Fayez (The only undergraduate student with accepted paper out of 357 submissions by Ph.D.`s and high degree holders.)

Languages:

Arabic and English