Islam Anwar ElHakmi

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TECHNICAL SKILLS

- **Programming Languages :** C/C++, Javascript, PHP, Python, SQL, Java, C#.
- **Web Development Skills :** HTML, CSS, Bootstrap, Materialize, JQuery, Vue.js, React.js, Next.js, Laravel, Node.js, Express.js, Socket.io, Laravel Echo, Pusher.js.
- **DBMS :** MySql, Mongodb, PostgreSQL.
- **Operating Systems :** Linux (ubuntu), Windows.
- **Testing :** Jest, PHPUnit.
- **Other Skills :** GIT, LAMP, PM 2(Process Manager), Redis, Cron Jobs, BeautifulSoup4.

EDUCATION

B.S In Computer Science	Mansoura University	Sep 2017 – Aug 2020 (expected)

- **Relevant Coursework Completed**: Intro to Programming in (C/C++); Object-Oriented Programming; Operating Systems; Data Structures and Algorithms Analysis and Design; Database Systems; Web Programming; Software Engineering ; Artificial Intelligence;
- **Projects**:
- **Hospital Management System** :
  Simple CMS built to facilitate the reservation process between patients and hospitals built with Web Technologies :
  Laravel (php framework), Bootstrap, Javascript JQuery, MySql DBMS. (https://github.com/EslamHiko/hospital)
- **N-Queen Game** :
  A simple game that has AI system that solves N-Queen problem using **Backtracking Algorithm** Built With Web Technologies:
  Javascript, HTML, CSS, Bootstrap, JQuery. (https://github.com/EslamHiko/n-queen)

EXPERIENCE

Open Source Development	https://github.com/EslamHiko	Mar 2019 – Present

- **Webpack**:
- Implemented unit testing using **Jest**.
- Developed & Documented 2 new features in webpack-dev-server and webpack.js.org.
- Worked on investigating issues & solving them.
- **OpenCollective**:
- Worked on investigating & solving +13 issues in opencollective-api and opencollective-frontend.
- **react-change-highlight**:
- Contributed to react-change-highlight by solving one critical bug and improving the solution.

Back End Developer	Elryad.com, Mansoura, Egypt	Apr 2018 – Dec 2018

- **Achievements & Responsibilities**:
- Developed & maintained +4 Web applications.
- Developed RESTFul APIs for +2 Mobile applications.
- Deployed Laravel Applications to **Cpanel Hosting System**.
- Mentored new engineers by giving advice and sharing tutorials, articles and best practices.
- Worked on investigating bugs and issues & fixing Them.

Back End Developer	New Yaum, Mansoura, Egypt(Remotely)	Oct 2017 – Feb 2018

- **Achievements & Responsibilities**:
- Developed & maintained web applications.
- Developed Real Time Chat and Notifications Systems Using **Socket.io, Node.js, Laravel Echo & Redis**.
- Converted all search pages from **form-submitting** to **AJAX** which led to **remarkable better performance and better user experience**.
- Developed RESTFul APIs.
- Worked on investigating Bugs and issues & Fixing Them.

Back End Developer	Neoxero, Mansoura, Egypt	Mar 2017 – Dec 2017

- **Achievements & Responsibilities**:
- Developed advanced search system with multiple filters using **Laravel PHP framework and MySQL**.
- Developed RESTFul APIs for Mobile applications.
- Installed & configured **LAMP Stack** on **ubuntu Server**.
- Deployed Laravel Applications To **LAMP Stack Server**.

PERSONAL PROJECTS

- **ClassifyIt** : ClassifyIt is a **Facebook Groups posts Classifier** using **words occurrences count algorithm**. It was built in **2 days hackathon** with **React.js Next.js,Bootstrap** for the Front-End and **Node.js Express** for the Back-End. (https://github.com/EslamHiko/classify-it)
- **Prexoo.com :** Prexoo is a social network project built with **PHP(Laravel), Javascript(Vue.js & JQuery), Redis, MySQL** Deployed on a **LAMP Stack** Server, It was launched in Feb 2019 and got **+250 users** and **+1,850 unique visits** from **+50 different countries**. It has many new features that deliver a new & different experience to the users like:
  - Music Player, you can upload music & create playlists & share them with your friends.
  - Real Time Polls, Notifications, Chat Systems.
  - Friends & Followers System, you can add/remove/block friends.
  - Phantom Timeline, you can send & receive anonymous messages.
  - Private Mode, you can make all your posts private with one click.
  - And much more...
- **EGPrices Laptops Scraper :** EGPrices Laptops Scraper is a tool written in **Python** (**BeautifulSoup4**) to get all available laptops prices in the egyptian market, so we can choose the best laptop for the lowest price. (https://github.com/EslamHiko/egypt-prices-scraper)

ACTIVITIES

- **Student Groups :** Trosc, DevMix, Imagine Community, Resala Charity Organization.
- **Volunteer Experience :** - Helped in organizing Competitive Programming contests on a2oj.com, organizing events and writing technical articles about Web Development.