⊙ Ruthgasse,
Vienna, Austria

NADA ZAKI SALEH

SOFTWARE ENGINEER

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[Github](#) | [LinkedIn](#) | [Personal_Website](#)

CAREER OBJECTIVE

A software engineer with two years hands-on experience in analyzing, designing, developing and testing end-user applications that meet user needs focusing on front-end web development and having a good knowledge in machine learning.
Passionate about learning and development with a desire to apply skills with a larger development team.
Eager to tackle more complex problems and continue to find ways to maximize user efficiency.

WORK EXPERIENCE

Software Engineer   **ITPS Corporate**   **May 2021 – Sep 2022**

It is an IT consulting company founded in Riyadh, Saudi Arabia since 2010.
It specializes in software development, security solutions and information security.
Its IT security integrator term is committed to help the clients achieve more efficient operations and processes while reducing technology management cost and business risks.

During my time in ITPS, I did:
- Collaborated with technical and business team in the design, development and testing software products to meet user needs.
- Built REST APIs using Django framework and tested them in POSTMAN.
- Integrated APIs into web pages and applications.
- Built responsive and SEO friendly web pages and enhanced user experience using React.js.

Software Engineer, Intern   **ITPS Corporate**   **Jan 2021 – May 2021**

During my internship period, I did:
- Got deep in API concept and Django framework.
- Searched in tracking algorithms approaches to apply a people tracking feature in existing project.
- Improved accuracy of OCR algorithm to recognize the data in the national id and driver license.
- Built a visitor management system full stack web app using Flask framework.

EDUCATION

Cairo, Egypt   **University of Cairo**   **2014 - 2019**

- B.S.E. in Communication & Electronics Engineering.
- Cumulative grade: Good
- Graduation Project: AR game using Vuforia & Unity.
- Graduation Project grade: Excellent

TECHNICAL EXPERIENCE

Projects
- **LYZER AI:** It is a software solution integrates with IP CCTV cameras to provide many services like time attendance with face recognition, tracking people, adding persons to the system by extracting their data from the national id using OCR, ability to add blacklisted persons and raises alarms to security personnel once they are detected.
The system was built using Django framework and React.js.

- **AIDEA:** It is a blood management system that able to handle the complex process of blood transfusion and manages operations from donor recruitment to patient transfusion. It organizes blood collection, blood testing, processing, issuing and transfusion activities for patients and hospitals. The system was built using Django and React.js.

- **Visitor management system:** It is a web application that manages the visiting process by taking the national id or the driver license and extracting the data from them using OCR. The system was built using python and flask framework.

- **E-commerce website:** It is a responsive web application based on React.js and redux toolkit. The user can view different categories of projects fetched from a fake api, Add items to a wishlist, login and buy the available products. The website url: https://e-commerce-l2pgddg63-nada-zaki.vercel.app/

- **Food app:** It is a responsive web application that allows the user to view the available meals and add the meals to the cart using Firebase,React.js and react-hooks. The website url: https://food-app-ochre.vercel.app/

- **Quiz app:** It is a responsive web application that has three categories of questions fetched from firebase. Each question has a timer and finally the score will be displayed on the screen. The app was built using HTML5, CSS3 and vanilla javascript. The website url: https://mellow-frangipane-862374.netlify.app/

- **Coffee website:** It is a web UI that shows the coffee products that fetched from the api using HTML5, CSS3 and vanilla JavaScript. The website url: https://strong-druid-be7053.netlify.app/

COURSES

• Advanced full stack web development nano-degree	(Udacity)	(up to date)	**2023**
• The complete react course (hooks and redux)	(Udemy)		**2021**
• End to End Deep Learning	(Electro Pi)		**2019**
• Machine Learning	(Coursera)		**2018**

TECHNICAL SKILLS

- React.js
- Redux toolkit
- Javascript / Typescript
- HTML5 / CSS3
- Git version control
- REST API
- Node.js
- Python / Django
- Python / Flask

PERSONAL SKILLS

- Quick learner
- Organized
- Punctual
- Attention to detail
- Internet searching

LANGUAGES

- English: fluent
- German: beginner (A2)
- Arabic: native