

Yousef Elkammar

+20 155 093 5404 | Cairo - Egypt | yousefabdelhamed113@gmail.com | www.linkedin.com/in/yousefelkammar/ | <https://github.com/RedBiscuits/>

Experiences.

Backend Engineer 1Feb/2023 - Current

7p Software & Marketing - Cairo, Egypt

- Developed 3 E-learning REST APIs, E-commerce API & a full-stack website for payments and subscriptions.
- Managed DevOps, ensuring all sites are always available and performing optimally.
- Conducted extensive testing and debugging to ensure functionality and data security.
- Utilized agile methodology & team collaboration to develop solutions that integrate with client-side apps in the best way.

FreelancerDec/2022 - Current

Self-employed

- Successfully completed several full-stack projects using NodeJS, Laravel, Android, Flutter, and Firebase, resulting in a strong basis in various technologies.
- Independently managed over 8 projects for outstanding name like National Heart Center KSA and others.
- Gathered project requirements and provided best solutions that met their goals.

Mobile App Development InternNov/2022 - Feb/2023

Orange Digital Center - Cairo, Egypt

- Collaborated with over 50 developers from various teams to give a successful software development life cycle (SDLC) for the e-learning app Cocoon, resulting in a high-quality product that met the client's needs.
- Created a USB live data chat app, improving the UX and increasing user engagement.
- Participated in the design and implementation of several new features for Cocoon, including integrating new APIs and improving performance.

Web Development InternFeb/2022 - Mar/2022

The Sparks Foundation - Remote

- Developed a personal details website.
- Integrated Facebook and Google login APIs to improve user experience.
- Reviewed the work of over 10 peers to ensure coding best practices and proper implementation of features.

Web Development TraineeAug/2021 - Sept/2021

FCIS – ASU - Cairo, Egypt

- Developed a website with over 10 pages using HTML5, CSS3, JavaScript, PHP Native, and Apache server as part of a web development training program.
- Collaborated with classmates on the development of website features and user interface design.
- Gained hands-on experience in website development, including client-side scripting, server-side scripting, and database management.

Education

Junior Computer Science B.Sc. (3.2 CGPA)

2020 – 2024 (Expected)

Faculty of Computers and Information Sciences - Ain Shams University.

- Awarded 1st Best Project certificate for 22' midyear Flutter training over 250 contestants.
- Awarded (top 5) best project for Structured Programming contest over 400 teams.
- Placed 2nd overall in Benha's Smart Cities hackathon over 41 college.
- Placed 1st in Algorithms'23 competition for Matrix Multiplication problem over 1500 contestants.

Advanced Nanodegree (Graduated).

2022-Aug – 2022-Oct.

Udacity.

- Completed coursework in advanced Android development, including topics such as building RESTful APIs, implementing user authentication, and working with cloud services such as Firebase
- Developed several real-world Android applications with robust backend functionality, including integrating with third-party APIs, implementing local and remote data storage solutions, and designing scalable server architectures

Skills

RESTful API	Query Optimization	Web Sockets	Authentication	Authorization	Spatie-Permissions
MySQL & MongoDB	Security	Unit tests	TDD	Agile development	Server Management
Architectural Patterns	Design Patterns	OOP	Git/Github	Linux	Docker
ReactJS	HTML CSS Bootstrap	Redux	MaterialUI	NodeJS	ExpressJS

Projects

[Firststep E-Learning app / Jaw Academy E-Learning](#) Apr/2023 (In development).
PHP, Laravel, Spatie-Permission, Laravel Auditting, Auth Sanctum, SOLID & Service Pattern for better code architecture, Firebase messaging, SMS Misr, Redis and Logs.
E-learning application in which I was responsible for optimizing system performance and developing over 40 endpoints, I developed a new video streaming technique for minimum bandwidth and best performance using Google services.

[National Heart Center - Saudi Arabia](#) June/2023 to Aug/2023.
Laravel 10, MySQL, Excel Links, React, Redux, Material UI, Spatie-Permissions.
National heart center in Saudi Arabia website, it provides medical guidance to patients and some health tools for doctors to help them give better diagnosis, it comes with a dashboard for statistics and user management.

[Cash Flow](#) May/2023 to Aug/2023.
JS, Nodejs, Express, React, Material UI & MongoDB.
Full-stack freelancing banking system. It features a comprehensive dashboard for management and statistics, as well as a client-side interface for money transfers, invoice issuing & viewing, and transaction history.

[MAK Chain](#) Feb/2023.
Hyperledger Fabric - CouchDB - NodeJS - Docker - Android Native - Flutter
Smart Identity system for Smart cities, It Uses NFTs stored on a Blockchain to represent the data of each civilian as an immutable smart contract, Which ensures the authenticity of data within the whole system. The Non-Fungible tokens can then be securely stored on Phones and Smart ID Cards with Biometric based Multi-factor authentication to be used for governmental services, Which effectively eradicates the need to any paper transactions and reduces the risks of forgery and human caused errors.

[Cocoon](#) Nov/2022 to Jan/2022.
Flutter, Dio, Clean Architecture (MVVM), SQFLite, Notifications, Screen Util, Components and Cubit Bloc Management.
Orange’s learning app with over 40 screens, in which I collaborated with software teams to deliver this app based on UI/UX case study while passing all testing scenarios.
Planned to be published on both App store and Google Play Store.

Extracurricular Activities.

Vice-Head.
2022-Oct – Current.
MSP-Tech Club -ASU, Cairo.

- Leading a team of 15 developers to produce outstanding solutions.
- Organized an Android camp and instantiated a team of several committees to deliver 3+ apps.
- Prepared a summer training about Android Security.
- Awarded 3 certificates for dedication and hard work.

Science & Tech Vice-Head.
2022-Oct – Current.
Open-Source Community -ASU, Cairo.

- Instructing core computer science topics such as Design Patterns & OOP.
- Organized a Design Pattern summer training’23 for colleagues.
- Working on major projects with multiple technologies.

Security member.
2021-Sept – 2022-Oct.
MSP-Tech Club -ASU, Cairo.

- Participated in organizing cyber security summer training.
- Learned the basics of Networking and security.

Volunteer Work

Computer Science Department Admin.
2022-Oct – Current.
FCIS-ASU, Cairo.

- Mentoring Computer Science groups while posting materials for everyone.
- Delivering students' demands to professors.
- Posting professors' announcements to students.

Registration Team Member.
2022-Feb – current.
ASU Career Center, Cairo.

- I was responsible for signing people in and registering them at ASUCC portal.
- Collaborated with other committees to organize a successful employment fair with 15,000+ attendees.