

# Yousef Elkammar

As a seasoned backend developer, I specialize in PHP Laravel, Hyperledger Fabric blockchain, Node.js, and Express.js. Along with a strong grasp of MySQL, Git, and Docker, I possess a sound comprehension of MVC architecture, unit testing, CI/CD, and security protocols. My dedication to staying current with the recent advancements and methodologies in web development is unwavering.

## Experiences.

### Backend Developer (Part time)

Feb/2023 - Current

7p Software & Marketing - Cairo, Egypt

- Developed an E-learning server-side RESTful APIs & a full-stack website for payments and subscriptions.
- Managed DevOps tasks, 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 then integrate with client-side apps in the best way.

### Freelance Full-stack Developer

Dec/2022 - Current

Upwork - Remote

- Successfully completed several full-stack projects using NodeJS, PHP Laravel, Android, Flutter, and Firebase, resulting in a strong basis in various technologies.
- Independently managed project timelines, requirements, and deliverables, resulting in satisfied clients and over 60k EGP earnings.
- Gathered project requirements from clients and provided solutions that met their needs.

### Mobile App Development Intern

Nov/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 Intern

Feb/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 Trainee

Aug/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 Best Project certificate for 22' midyear Flutter training.
- Awarded best project (top 5) for Structured Programming contest.
- Participated in a smart cities hackathon and placed second overall.

### Advanced Android Nanodegree.

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
- Demonstrated proficiency in Java and Kotlin programming languages, as well as experience with popular backend development tools such as Firebase

### Online Learning Courses.

MaharaTech.

- Database Fundamentals, PHP Native, MySQL, Blockchain Fundamentals, Hyperledger Fabric Integration/Chaincode, Blockchain Design and Computer Networks.

Self-taught.

- Git/Github, JavaScript, NodeJS, ExpressJS, Flask, REST server, DevOps, Responsive design, Design Patterns and Architectural Patterns.

## Contact

### Address

Cairo, Egypt.

### Phone & WhatsApp

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### E-mail

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### LinkedIn

[www.linkedin.com/in/yousefelkammar/](https://www.linkedin.com/in/yousefelkammar/)

### Github

<https://github.com/RedBiscuits/>

## Skills

- PHP Laravel
- RESTful APIs
- Web Sockets
- Relational Databases
- OOP and Design Patterns
- Git/Github
- Docker
- Linux
- DevOps
- Architectural Patterns (MVC, MVP, MVVM & MVI)
- Bootstrap
- NodeJS
- ExpressJS
- Hyperledger Fabric
- Blockchain
- SDLC knowledge
- TDD
- Flask

### Side Technical skills

- Android development
- Flutter development
- UI/UX
- Testing

## Certificates & Awards

- 1<sup>st</sup> place in FASTEST Algorithm contest at FCIS-ASU over 512 competitors with a solution 34 times faster than the naïve and 22 times more than the average submissions.
- 1<sup>st</sup> place at flutter training at FCIS-ASU over 200 participant.
- 2<sup>nd</sup> place award at Smart Government Hackathon from Benha Uni.
- Certificate of recognition from FCIS-ASU for the outstanding performance in Smart Government hackathon.
- Best project in Structured Programming contest at FCIS-ASU for game engine at my first year.
- 120 hrs. certificate from ITI in Android and Database.
- 3 Certificates from MSP-ASU for the continuous contributions and efforts.

Extracurricular Activities.

Android Committee 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.
- Organizing a Hackathon with over 3k EGP prizes and an app fight.

Science & Tech Vice-Head.

2022-Oct – Current.  
Open-Source Community -ASU, Cairo.

- Instructing core computer science topics such as Design Patterns.
- Organizing workshops and trainings for colleagues.
- Working on major projects with multiple technologies.

Security Committee member.

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

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

Projects

**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.

**Firststep E-Learning app** May/2023.  
PHP, Laravel, Spatie-permission, SMSmisr, Video encryption & Notifications.  
E-learning application in which I was responsible for optimizing system performance and developing over 20 endpoints, it offers secure video streaming utilizing maximum bandwidth usage to serve a fast and reliable content management.

**Cash Flow** Jul/2023.  
JS, Nodejs, Express, React, Material UI & MongoDB.  
Full-stack freelancing banking system I developed using the MERN stack. 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.

**Blogging website** Jan/2023.  
PHP Laravel, Bootstrap, Blade Template, JavaScript & Eloquent ORM.  
This website enables users to create accounts, publish blog posts, read and comment on other users' posts, and manage their own posts in a secure and authenticated way.

**Cocoon** Nov/2022 to Jan/2022.  
Flutter, Dio, Clean Architecture (MVVM), SQLite, 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.

Soft skills

Agile.

Time Management.

Public speaking.

Leadership.

Team player.

Rational thinking.

Self-Learning.

Adaptability.

Problem Solving.

Languages

**Arabic.**  
Mother tongue.

**English.**  
Professional level (spoken and written).

**French.**  
Basic level.

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.