

Yousef Elkammar

I'm an experienced backend developer with expertise in PHP Laravel, Hyperledger Fabric blockchain, Node.js, and Express.js. Proficient in MySQL, Git, and Docker, I have a solid understanding of MVC architecture, unit testing, continuous integration, and security principles. I'm committed to keeping up to date with the latest technologies and best practices in web development.

Experiences.

Backend Developer (Part time) 02/2023 - Current
7p Software & Marketing - Cairo, Egypt

- Developed a website using PHP Laravel as a backend and Bootstrap for the front end, resulting in an improved user experience and increased site traffic.
- Managed deployment using Hostinger, ensuring the site was always available and performing optimally.
- Conducted extensive testing and debugging to ensure website functionality and data security.
- Utilized agile methodology to streamline development and improve team communication.

Freelance Full-stack Developer 12/2022 - 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 10k EGP earned in just 3 months.
- Gathered project requirements from clients and provided solutions that met their needs.

Mobile App Development Intern 11/2022 - 02/2023
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 02/2022 - 03/2022
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 08/2021 - 09/2021
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 scored second place 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, Deployment, Responsive design, Design Patterns and Architectural Patterns.

Contact

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Github
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Technical Skills

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

Side Technical skills

- Android development
- Flutter development
- UI/UX

Soft skills

Agile.

Time Management.

Public speaking.

Leadership.

Team player.

Rational thinking.

Self-Learning.

Adaptability.

Problem Solving.

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.

Blogging website Jan-2023.

PHP Laravel, Bootstrap, Blade Template, JavaScript, Eloquent ORM and Artisan.
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 2022-11 to 2022-12.

Flutter, Dio, Clean Architecture (MVVM), SQLite, Notifications, Screen Util, Components and Cubit Bloc Management.
Orange’s learning app with over 25 screens, 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.

Carbon 2022-3 to 2022-5.

Java, Kotlin, Firebase, Design patterns and Architecture Patterns (MVC and MVVM).
Chat application that mimics WhatsApp with its most important features (video calls, stories, one-to-one chat, login, RTC connection and phone verification)
Was made for college Data Structure curriculum.

ODC Learning app 2022-9 to 2022-9.

Dart, Flutter, SQLite, DIO, MediaQuery and Cubit Bloc Management.
ODC’s application made in one week to display data from Orange’s backend and store notes in local database.

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.