

Kareem Ezzat AbdEl-Bary

Software Engineer

PERSONAL AND CONTACT INFORMATION

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Military Status: Exempted

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GitHub: [GitHub Account](#)

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YouTube: [YouTube Portfolio Channel](#)

EDUCATION

2019 – 2023: Bachelor of Computer and Science Information at Ain Shams University

⇒ Software Engineering Department

⇒ GPA 3.9

2022: Full Stack Web Development 9-Months Diploma at Route Academy

EXPERIENCE

Software Engineer at Ejada Systems Ltd.:

Present:

- The company is dedicated to producing the highest quality S/W solutions.
- I am responsible for the software development and integration of backend microservice to achieve business requirements.
- Dealing with different kinds of industries and companies.
- Techs: Java, Spring Boot, SQL, Message queues, swagger, postman, etc.. .

Internship at MTS-IT Company (Software House):

2023:

- I was responsible for building a system using [Spring Boot](#), [Angular](#) and [BPM](#), dealing with [APIs](#), and handling and [monitoring](#) system requests statuses, dealing with [BPM & BPMN](#) and creating business workflow.
- Extras was knowledge about (Software Testing – Business automation)

2021 – 2022: Head / Instructor at Support Student Club at Ain Shams University for Software Development.

2022:

Internship at **Duwaween** Company for Web Design: It was about involving into the development of games and deliver good user experience games

PROJECTS

Graduation Project: Distributed Systems Framework

2023:

- It was a distributed systems framework. It relies on having stateless jobs that can be parallelized and doing the full work of paralleling these jobs and their tasks.
- The developers need not maintain anything.
- They just simply need to provide the binaries that they already use. We simply build a fully distributed system around them that is fault tolerant, highly available, and consistent.
- It expects to have those binaries uploaded, and it is responsible for executing them.
- The system has Parallel execution, Fault tolerance, watch progress, load balancing

Ecommerce service that maintains products, carts, orders, payments for all clients.

2022:

- All the necessary entities are implemented with their database schema: Users, Products, Brands, Categories, Sub-Categories, Cart, Orders
- The services have the following features: authentication and authorization(token - bcryptjs), password hashing, forget and reset password, Middlewares, Validation (joi), Files Upload (multer - cloudinary), Send Email (nodeMailing), Local & Global Error Handling, Disable Tokens of logged out accounts, search, filter, dealing with paths, payment

Movie Website (Movies125):

2022:

- This movie app was developed using React.js
- Used Axios as it dealt with Auth API for the authentication and the themoviedb API for fetching the movies
- Used React Context State Management to handle user access to the website

- It implements the React Router v6, and has 2 different routes to prevent unauthorized users from accessing pages unless they are authenticated
- Used JWT for decoding the acquired token to have the user data
- Handling forms and user input with validation

E-billing System:

- 2023:**
- Build an e-billing system using Angular.Js
 - It handles 3 types of users (Customer – Admin – Service Provider)
 - Use of subject and subscribing to handle services and real-time updates
 - Reactive forms and tables with search and filtering

Admin Dashboard Website:

- 2022:**
- Developed using React.Js
 - A Web App that provides the admin with a full dashboard with a huge number of features, different charts
 - Various color themes, light mode and dark mode.
 - Tailwind for styling and Sanity.io for Graphs and utilities

2019 – 2020: Joined ACM Student Club at Ain Shams University for Problem Solving.

- Competitions:**
- 1) Collaborated With Team Of 4 In ACM Problem Solving Competition at Ain Shams University.
 - 2) Collaborated With Team Of 4 In A Competition for Developing Flutter Movie App and Took The 3rd Place.

SKILLS

1) Engineering:

- Software Engineering & Software Development Life Cycle from planning to deployment
- SCRUM (Agile) Methodologies

2) Technical:

- Backend & Frontend development
- Spring Boot / React.js / Next.js / Angular.js / Node.js
- Microservices - State management - Dependency injection
- REST - Authentication - JWT
- SQL DB / NoSQL DB
- Styling with (Tailwind - Bootstrap - CSS - Sass - CSS Modules)
- Deployment

3) **Languages:** Java / TypeScript / JavaScript / HTML / CSS / Dart / Java / C++

4) **Version Control:** Git & GitHub

5) Data Structures / Algorithms / OOP / SOLID / Architecture Design Patterns / Clean Code

ABILITIES

1) Teamwork / Communication / Leadership / Client or User Interaction

2) Attention to Detail / Problem Solving / Learning Agility

LANGUAGE

1) Arabic: Native

2) English: Fluent

3) French: not strong