

ZIAD ALZARKA

FULL-STACK ENGINEER

EDUCATION

Bachelor of Computer Science

FACULTY OF COMPUTERS AND TECHNOLOGY, KAFR EL-SHEIKH UNIVERSITY

Sep 2018 - Current

I major in Computer Science and I love helping my colleagues through the semesters. I have held a web development short course at IEEE in January 2020 as voluntary work to help my colleagues learn and discover more about being a software developer specifically *React.js*.

WORK

Full-Stack Engineer

COATCONNECT

Jan 2020 - Current

I am responsible for:

- Maintaining the CoatConnect gateway written with *React.js*
- Server-Side Rendering and performance optimization
- Design RESTful and GraphQL API
- CodePipeline CI/CD
- Log and analyze data with AWS Kinesis Firehose and Athena
- Search Engine with *Algolia*
- Implement a hybrid mobile app with Cordova and Firebase Cloud Messaging
- Refactor and migrate from old *React* code and Ant Design v3 to v4

Front-End Engineer

BIRDCLOUD

May 2018 - Aug 2019

It's a Software House where I was responsible for implementing solutions for businesses.

- Build web applications with *Angular*
- Build mobile apps with *React Native*
- Build hybrid apps with *Ionic* and *Cordova*
- Work with RESTful APIs
- Write clean organized components for other employees to reuse

Backend Engineer

CODE NETRO (CONTRACT)

Aug 2018 - Mar 2019

I worked on PitchMaster which is a portal for young artists to allow them to pay for their music to be put on big playlists with a big following.

- Design a RESTful API with *Nest.js*
- Document APIs with *Swagger*
- Design a GraphQL interface
- Integrate with *Spotify*, *PayPal*, and *SoundCloud* APIs
- Use *Elasticsearch* for searching the playlists index
- Deploy CI/CD pipelines and maintain my own servers

CONTACT

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PROFILE

I'm a driven Software Engineer. I am very flexible and creative. I love creating great user experiences. I care a lot about fine details and also the big picture. I started coding at the very young age of 12.

I have plenty of experience with Frontend and Backend Engineering. I am resourceful and value my ability to explore a lot and efficiently. I worked with multiple technologies and different concepts.

I care a lot about maintaining a healthy work environment and communication skills.

I have a blog called **thetuteur.com** where I talk about Software Engineering topics.

I scored in the top 10% of test takers on the Triplebyte assessment for Front End Engineering. <https://tinyurl.com/y3yejex5>

SKILLS

React



Node.js



MongoDB



Angular



Ionic & Cordova



DevOps



AWS

