# Mohamed Gamal
## Software Engineer

Computer science, Mid-level Software Engineer with 2+ years of experience

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Cairo, Egypt 📍

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## WORK EXPERIENCE

### Software Engineer(Remotely)
Vrolio

*01/2020 – Present*

*Vrolio is specialized in Real Estate activities*

- Responsible for building the major graphql backend and integrating it with a lot of aws components.
- Working on the new site version with a lot of new cutting-edge technologies and tools especially in the serverless stack.

*Contact:* Robert Klubenspies – robert@vrolio.com

### Software Engineer
04 Technology

*10/2018 – 12/2019*                    *Cairo, Egypt*

- Taking decisions on how we architect the app, setting the rules on how components should be communicated inside to outside.
- Developing a lot of core features.
- I'm also responsible for some heavy analytics and logs and visualizing data using Elasticsearch/Kibanna.
- Responsible for mentoring our backend team in TDD approaches, we set up a good environment with mocha and chai.

*Contact:* Wesam Mostafa – wesam.mustafa100@gmail.com

### MERN Stack Developer
Upwork (Freelancer)

*01/2018 – 04/2019*

- Finished version 1 of a news app based on fetching RSS called Le Kaloum.
- Worked on E-commerce projects for gift cards.
- I completed some little tasks.
- Worked on some projects for local businesses in Egypt.

*Contact:* Akram Samier – akram.sameer99@gmail.com

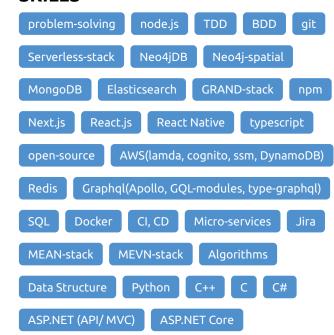## EDUCATION

### Computer Science
Mansoura University, Mansoura-Egypt

*09/2014 – 06/2018*                    *Very Good 82.5%*

- Neural Networks, Computer Vision, NLP.
- Software Engineering.
- Algorithms, AI.
- Compiler, Computer Architecture, OS.

## SKILLS

problem-solving · node.js · TDD · BDD · git · Serverless-stack · Neo4jDB · Neo4j-spatial · MongoDB · Elasticsearch · GRAND-stack · npm · Next.js · React.js · React Native · typescript · open-source · AWS(lamda, cognito, ssm, DynamoDB) · Redis · Graphql(Apollo, GQL-modules, type-graphql) · SQL · Docker · CI, CD · Micro-services · Jira · MEAN-stack · MEVN-stack · Algorithms · Data Structure · Python · C++ · C · C# · ASP.NET (API/ MVC) · ASP.NET Core

## ACHIEVEMENTS

Problem solving trainee (01/2016 – 01/2018)

*Participated in a lot of contests like ( ACM 2017, ACM 2018, FB HackerRank, Code Jam 2017, Code Door IEEE 2016 and many contests on Codeforces)*

## PERSONAL PROJECTS

Vrolio (01/2020 – Present)

04 Egypt AI-Driven platform (10/2018 – 12/2019)

Le kaloum (06/2018 – 04/2019)

## ORGANIZATIONS

DEVMIX(Student Activity) (06/2016 – 01/2018)
*Team Lead*

## LANGUAGES

Arabic
*Native or Bilingual Proficiency*

English
*Full Professional Proficiency*