

# Mike Al Owe

FULL STACK DEVELOPER · COMPUTER SCIENCE STUDENT

☎ (+40)774521935 | ✉ mike.awie@yahoo.com | 📷 MikeAwie | 🌐 MikeAlOwe

## Skills

<b>Web</b>	HTML/CSS/JavaScript, ReactJS, Redux, Node.js, Express.js, Koa.js, Meteor, FeathersJS, REST, GraphQL
<b>Programming</b>	Bash, SQL, MongoDB, Git, Docker, Redis, C/C++, Python, LaTeX
<b>Languages</b>	English, Romanian, Arabic

## Experience

### Cult of Coders - Consulting to Wijntransport B.V.

Remote / Iași, Romania

FULL STACK DEVELOPER & TECH LEAD

May 2020 - Present

- Migrating legacy project to modern application using Next.js and GraphQL.
- Decided project architecture, libraries and technologies used.
- Conducting code reviews and ensuring code quality.
- Drive ongoing improvements in software delivery including build and test automation, continuous integration, test driven development.

### Cult of Coders - Consulting to Twinner GmbH

Remote / Iași, Romania

FULL STACK DEVELOPER

April 2019 - May 2020

- Developed an offline-first cross-platform application using ReactJS, Redux and Cordova.
- Implemented a RESTful API server in FeathersJS interacting with other microservices and a Microsoft SQL Server database using Sequelize as an ORM.
- Worked in a highly international fully remote team with other developers, designers and product managers to develop new features consistent with the product roadmap.

### Cult of Coders - Consulting to RightNow GmbH

Iași, Romania

FULL STACK DEVELOPER & TEAM LEAD

Feb. 2018 - April 2019

- Led a team of 3 developers, being responsible for the planning and the execution of the project to meet the client's needs.
- Developed both the backend (in Meteor) and the frontend (in ReactJS) of 3 different web applications using MVC Architecture.
- Created a flight ticket information scraping API using Koa.js and Puppeteer for all major airline companies thus reducing the operations team's work by over 50%.

### Computer Science Tutor

Iași, Romania

Sept. 2016 - June 2017

- Worked with two smart pupils teaching them data structures and algorithms in C++ both for class and competitions.
- Improved the pupil's grades and obtained good results in algorithms competitions.
- Developed a more logical thinking in order to communicate my ideas clearly.

## Projects

### InStatie (In the station)

<https://instatie.ro>

PUBLIC TRANSPORTATION TRACKING APPLICATION FOR IASI

GitHub

- Developed a PWA (Progressive Web Application) using vanilla JavaScript and Node.js (no frameworks).
- Utilized new HTML5 technologies like Web Components to build reusable, encapsulated and interoperable HTML elements and Server-sent events to allow clients to receive updates in real-time from the server.
- Created a Node.js web server from scratch that communicates with a PostgreSQL database with the PostGIS extension for geospatial data using Knex.js to build queries.
- Built an algorithm to detect which route a vehicle is taking based on its positioning over time and to calculate an estimate time of arrival to the next stations.
- Implemented Web push notifications to notify users when a selected vehicle is getting close to a selected station.

## Education

### Faculty of Computer Science, Alexandru Ioan Cuza University

Iași, Romania

BSC IN COMPUTER SCIENCE

Oct. 2018 - Jun. 2021

### Computer Science Highschool "Grigore Moisil"

Iași, Romania

2013 - 2017