



# Zeyad Abdelnasser Mohamed

## Abo Elnasr , Undergraduate Software Engineer (junior )

CAIRO, EGYPT . [zeyad2103469@miuegypt.edu.eg](mailto:zeyad2103469@miuegypt.edu.eg) .  
01093128144

### URL LINKS

[linkedin](#)

[github](#)

[My portolio](#)

### PROFILE

Enthusiastic and highly motivated software development undergraduate with a passion for creating innovative solutions and a strong foundation in programming languages and development methodologies.

### EDUCATION

El Rowad International school, cairo 94%

2018 – 2021,cairo

- High School IGCSE

Misr International University

2021 – 2025

- Bachelor of Science / BS / computer science

### PROJECTS

Project: Ecommerce Website and Application (Team Leader)

- Led a dynamic team in the development of a **responsive** Ecommerce website and application.
- Effectively managed task delegation to meet tight deadlines, overcoming challenges for a **seamless** development process.
- Successfully implemented a high-quality UX/UI and admin dashboard with extensive features, including product management, client tracking on a map, and admin privileges.
- **Tech Stack:**
  1. **Front-end:** Bootstrap, HTML, CSS
  2. **Back-end:** Node.js, Express, EJS, MongoDB
  3. **Additional Tools:** Stripe (credit card validation), Leaflet (map integration), Joe (back-end validation), BWT Token, Google Translate (localization)
  4. **Deployment:** Digital Ocean, Render Live Application

### LANGUAGES

Arabic

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English

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### SKILLS

Adaptability

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Fast Learner

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Ability to Work in a Team

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Ability to Multitask

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Ability to Work Under Pressure

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Good time management

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Good Communication

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## Project: DNA Segmentation Application

- Developed an application using a novel **prefix tree algorithm** for DNA segmentation into RNA.
- Overcame challenges posed by a new algorithm to achieve successful data transformation.
- **Tech Stack:**
  1. **Programming Languages:** C++
  2. **GUI:** Windows Form

## Project: Bus Ticket Application (Team Leader)

- Led a team in creating a comprehensive Bus Ticket Application.
- Implemented user-friendly features, such as route viewing, ticket booking, seat availability, and an admin panel for managing admins, users, and financial data.
- **Tech Stack:**
  1. **Programming Languages:** Java
  2. **GUI:** JavaFX

## Project: Number Puzzle Game for Children

- Developed an engaging educational game for children aged 8 and above.
- Focused on enhancing **cognitive skills**, concentration, and problem-solving within specified timeframes.
- **Tech Stack:**
  1. **Programming Languages:** C++, C
  2. **UI:** RAD

## Key Achievements:

- Successfully led teams in delivering high-quality, userfriendly applications.
- Overcame challenges in DNA Segmentation project, implementing a new algorithm for data transformation.
- Developed an educational game for children, contributing to **cognitive skill enhancement**.

## Technical Skills:

- **Front-end:** Bootstrap, HTML, CSS
- **Back-end:** Node.js, Express, EJS, MongoDB
- **Additional Tools:** Stripe, Leaflet, Joe, BWT Token, Google Translate
- **Deployment:** Digital Ocean, Render

## Technical skills

### Front-End development:

- Html
- Css
- Bootstrap
- Javascript(ES6)

### Back-End development:

- Node.js
- Express.js
- Restful API development
- Server-side scripting with PHP

### Programming Languages

- Java
- C++
- C#
- Python

### Database Management:

- MongoDB(NoSQL)
- MySQL(Rational database)

### User Interface (UI) Design

- Figma for UI/UX design

### Version Control

- Git