

# DONIA ALHOSIN MOHAMED

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## Personal Profile

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Passionate and results-oriented graduate in Communication and Electronics Engineering with expertise in networks, a keen interest in Flutter, and web development. A quick learner and proactive problem-solver, seeking to contribute technical acumen and creativity to the software development field. Organized and efficient with an inquiring mind.

## Professional Experience

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- 1) **Full-Stack Development Diploma using PHP,** May 2024 – Present  
*Information Technology Institute(ITI) 3-Month Trainee*
  - HTML, CSS, JavaScript, Frontend frameworks like React or Angular or Vuejs, MySQL, PHP and Laravel
  - Figma UI/UX
- 2) **WordPress Internship,** Jan 2024 – Present  
*Bohemian Geeks Marketing Agency*
  - WordPress Theme Development, WordPress Plugin Development
  - PHP, HTML, CSS, JavaScript, Responsive Web Design
  - Custom Fields, WordPress Codex, WordPress API, Theme Customization, Plugin Customization, WooCommerce Development
  - Figma UI/UX
  - Photoshop Basics
- 3) **Telesales Agent | Local Home Buyers Company** Jan 2023 – Nov 2023
- 4) **Telesales Agent | Proper Businesses Solutions** Jun 2021 – Feb 2022
- 5) **German Teacher | Trampoline Smarties Nursery** Aug 2019 – Sept 2019

## Technical Skills

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- 1) **Interpersonal Skills**
  - Demonstrated leadership, teamwork, decision-making, and problem-solving abilities.
- 2) **Technical skills**
  - Proficient in C, C+, and MATLAB/Simulink/Protus for simulation applications.
  - Skilled in Packet Tracer, and CCNA with knowledge of network concepts, protocols, and security fundamentals.

- Cross-platform debugging App Development, UI/UX Design, FirebaseServices, Figma Base Knowledge, Widget Customization, Problem Solving, and Debugging.
- WordPress Theme Customization
- PHP, MYSQL ,Larval(in Progress), HTML, CSS, JavaScript, MySQL, Responsive Web Design
- Custom Fields, WordPress API, Theme Customization, Plugin Customization, WooCommerce Development

## Education

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**Bachelor of Engineering,** Oct 2018 – Jun 2023  
**Communications and Electronics,** *Egyptian Academy for Engineering and Advanced Technology*

- Cumulative GPA: 3.4146 (Very Good with honors)
- Graduation project: Smart wearable glasses for Autistic Kids, Excellent (A+)

## Language

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- English “ Professional working proficiency at Level B2 “
  - German “Proficient at Level B1 ”
  - Arabic “Native”

## Courses

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**Front-End Web Development Diploma,** *AMIT Learning* Oct 2023 – April 2024

- HTML, CSS, SASS, Bootstrap , JavaScript , jQuery, TypeScript, and React Framework
- API & Ajax, Axios, ReduxTool Kit

**CCNAv7,** *NTI- National Telecommunication Institute* Nov 2023 – Dec 2023

- Fundamental networking concepts including network protocols.
- IP addressing (IPv4 and IPv6), router and switch configuration, security, VLANs, routing (including OSPF), ACLs, NAT, WANs, VPNs, QoS
- Network management, as well as network virtualization.

**Mobile Package, Self-Learning**

**Flutter Development Course,** *Udemy* Sep 2022 – Jun 20

**Summer training,** *Electronics Research Institute* Aug 2021 – Sep 2021

- Design and simulation of Microwave Circuits and Antenna using ADS/CST-MWS/HFSS CAD tools

**Summer Training,** *Banha Electronics Company* Aug 2020 – Sep 2020

- Manufacturing Process of Solar Cells and how to deploy them in different applications.
- Program fundamentals of an FPGA and how it works.
- Fixing the issues in the PCB and how to replace worn-out components of the designed antenna.

## Projects

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### ❖ Frontend E-commerce Project Using ReactJS Framework

This project demonstrates my ability to build a functional e-commerce website using React, implement essential features like product display, cart management, and user authentication, and ensure responsiveness across different screen sizes. The use of **Json-server** for data management further enhances the project's scalability and realism <https://github.com/devDoniaAlhosin/ReactFinalProject/tree/master>

### ❖ HTML & CSS And JavaScript Projects

1. *TimeZone* Project Fully Responsive Webpage using Html & CSS and JavaScript <https://devdoniaalhosin.github.io/TimeZone/>
2. *Registration Form* using Local Storage Features: Local Storage: Utilizing the power of local storage to store user registration data locally on your browser. **Data Validation:** Ensuring all fields are filled, validating the email format, and displaying error messages when needed. Easy Clearing: A convenient "Clear" button to remove stored data and refresh the page.

**How It Works:** Users input their information (name, email, password). Data is stored locally in JSON format using JavaScript. Stored data is then retrieved and displayed on the page using dynamic HTML.

<https://devdoniaalhosin.github.io/Sign-in/>

3. A Simple template using Html and CSS and some basic logics using JavaScript <https://devdoniaalhosin.github.io/engageProject/>

### Graduation Project,

Sep 2022 – Jun 2023

#### *Smart Wearable Glass for Autistic Kids*

A medical glass equipped with integrated sensors monitors temperature and detects medical conditions in autistic children, enabling real-time health monitoring for parents and caregivers. Additionally, the glass incorporates an educational feature, teaching practical life skills to children aged 4 to 8, resulting in successful experimentation and positive responses from the children, promoting their health, well-being, and educational development.

### Paper Publications:

- 1<sup>st</sup> paper certificate confirms that the paper under the Name "Title: Towards A Novel Prototype for Superpower Glass for Autistic Kids ID: IJISD-2306-1032 (R1)" has been accepted for publication in the International Journal of Industry and Sustainable Development

### Enhancing Autism Knowledge with GUI Solution,

Sep 2022 – Jun 2023

#### *Mobile Application and Website*

- Developed a comprehensive mobile application and website interface for individuals with autism.
- Aim to enhance autism awareness and understanding through educational content.

- Features user-friendly interfaces and customizable settings.
- Fosters greater self-awareness and personalized support.

**Paper *Publication*:**

- The 2<sup>nd</sup> paper certificate confirms that the paper under the name “Enhancing Autism knowledge with GUI Solution ID\_ 1041-IUGRC (R2) ” has been accepted in the Seventh International Undergraduate Research Conference (2023) of Military Technical College