

# HANA HUSSEIN

## Frontend/Fullstack developer

@ hanahussein175@gmail.com  
in hana-hussein-630996214/

📍 Choueifat, Fifth Settlement, Cairo, Egypt  
📍 Hana175  
📞 +201012939051

🌐 portfolio-5f552.web.app/



## EXPERIENCE

### 3D Modelling Internship

#### German University in Cairo

📅 01/09/2021– 01/10/2021 📍 Cairo, Egypt

- Using Blender, which is a powerful open-source software for 3D modeling, animation, rendering, and more. It is suitable for us beginners, offering a wide range of features.

### Cosmic drag and drop tool developer Internship

#### German University in Cairo

📅 11/2021 – 12/2021 📍 Cairo, Egypt

- Developed a tool to drag, drop and create operations using HTML, CSS and JS.
- Created a webpage with two panels; the first panel housed pre-defined logical operator blocks, and the second panel was empty for users to drag and drop these blocks to create operations.

### Cyber Security Engineer Internship

#### SignalT

📅 08/2022– 09/2022 📍 Cairo, Egypt

- Internship focused on Penetration Testing & Ethical Hacking
- Technologies used: Nessus for network vulnerability scanning, Nexpose for application and service-based vulnerability assessment, Nmap for network scanning, Burpsuite for web application security testing
- Kali Linux used for advanced penetration testing, TheFatRat for compiling malware with payloads, Metasploit Framework for identifying and exploiting vulnerabilities
- Python employed for scripting tasks and automation in cybersecurity contexts

### Mobile Application Developer

#### InfraLayer

📅 11/2023– 1/2024 📍 Cairo, Egypt

- Completed 'Android Basics in Compose' course in 127 hours across 10 units
- Mastered key aspects of Android development, including proficiency in Kotlin and Jetpack Compose
- Developed expertise in UI design, Material Design principles, navigation, internet connectivity using coroutines and Retrofit, data persistence with Room, and background task scheduling with WorkManager
- Applied gained skills to build an optimized application with enhanced performance

### Web Development Internship

#### CodSoft

📅 2/2024– Present 📍 Remote

- Working on tasks using VanillaJS, HTML and CSS.

## SKILLS

### Languages

HTML5, JavaScript, CSS, Python, Java, C++, C#, Sass, SQL, Kotlin

### Tools and Frameworks

ReactJS, AngularJS, VueJS, Node, Bootstrap, Tailwind, MongoDB, RoomDB, Git, Express, Gulp, and Vite.

UI/UX

Web Development

Cyber Security

Data Engineering

## LANGUAGES

Arabic



English



German



## EDUCATION

### B.Sc in Computer Engineering

#### German University in Cairo

📅 Sept 2018 – June 2023

### IGCSE

#### The Egyptian British International School

📅 Sept 2015 – June 2018

## PERSONAL PROJECTS

- Social Media Dashboard - Using CSS, HTML, CSS, CSS Preprocessor SASS, gulp <https://website1-5b98d.firebaseio.com/>
- Calculator App - Using CSS, HTML and JS. <https://calculator-4fe5b.web.app/>
- Live Weather App - Using Open Weather Map API, CSS, HTML and JS. <https://weather-app-f531d.web.app/>
- QR Code Generator - Using QR code generator web API, CSS, HTML and JS. <https://qr-generator-19372.firebaseio.com/>
- E-Commerce Sneakers Website - Using CSS, HTML and JS. <https://sneakers-1de94.web.app/#nav>
- Portfolio Website - Using CSS, HTML and JS. <https://portfolio-5f552.web.app/>

## PUBLICATIONS

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### IEEE Paper

- H. H. Khalifa, "Visual path odometry for smart autonomous e-bikes," 2022.

I have published my paper for my bachelor's project "Visual Path Odometry for Smart Autonomous E-Bikes" on the IEEE website after presenting it at the IEEE CPERE 2023 conference in Luxor, Egypt. I would like to express my appreciation to Assoc. Professor Dr. Hassan Soubra and Mohamed Ihab Sabry for their constant support and guidance through out the whole project. You can find the paper in this link :

<https://ieeexplore.ieee.org/document/10119592>

## ONLINE COURSES

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- Introduction to Front-End Development by Meta