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# Ahmed Naeim

## Software Developer

[LinkedIn](#)  
[Portfolio](#)  
[Github](#)

### SKILLS

#### Software Development

#### Data Analysis & AI

#### Development & Business Integration

#### Version Control & Collaboration

#### Database Management

Python, C++, Dart, Flutter, Swift, Java, HTML, CSS, JavaScript  
Numpy, Pandas, Prompt Engineering, LangChain, RAGs, ML, DL  
Microservices, RESTful APIs, Integration, Testing & Debugging  
Git, GitHub  
SQL, NOSQL

### TECHNICAL EXPERIENCE

#### Artificial Intelligence & Mobile Application Developer Intern

AUGUST 2023 – OCTOBER 2023

##### IBM

Egypt

- Focused on AI development using Gen AI & prompt engineering, creating advanced features like trip planning, chatbots, hieroglyphs translation, virtual tour guide, image translation, speech-to-text, text-to-speech, & more.
- Expertly employed AI technologies like Langchain, segmentation, & ChatGPT to craft innovative features.
- Led the development of Android & iOS apps with Flutter, mentoring junior team members for a smooth project transition.
- Played a pivotal role in team coordination, collaborating with integration, testing, backend, UI/UX, DevOps, & AI teams for seamless feature implementation.
- Optimized user preferences to provide tailored recommendations & ensured a user-friendly experience with responsive design.
- Integrated APIs & databases to deliver real-time data updates, enhancing platform performance.
- Conducted rigorous unit testing & debugging to guarantee platform reliability & functionality.
- Actively engaged in Agile methodologies, including daily stand-ups, sprint planning, & code reviews.
- Demonstrated effective problem-solving abilities in tackling complex challenges in AI & mobile development.
- Prioritized user experience & personalization, enhancing application appeal & functionality.
- Distinguished as one of the eight selected individuals to present in front of IBM's senior leadership, showcasing the significant contributions & innovative solutions developed during the internship.
- Prioritized clean coding practices in both AI & mobile development, ensuring code quality & maintainability throughout the project. This dedication to clean code contributed to efficient development & smooth collaboration among team members.

#### Data Analytics Intern

JULY 2023 – AUGUST 2023

##### Vodafone

Egypt

- Collaborated with a team to automate the detection of duplicated Cell IDs in Vodafone's network.
- Validated duplicated Cell IDs & ensured alignment with reuse criteria.
- Developed an integrated tool for network implementation, addressing duplicate Cell IDs.
- Conducted network scans using Python, optimizing Cell ID management.
- Presented project achievements to higher management, demonstrating impact.
- Designed a user-friendly GUI for non-technical users.
- Gained insights into network optimization & innovative solutions in telecom.

#### Flutter Mobile Application Developer

JULY 2023 – AUGUST 2023

##### BeTimeful

Canada - Remote

- Solely developed & implemented cross-platform mobile applications using Flutter, covering both iOS & Android platforms.

- Engineered specialized functionalities, including foreground services & launcher customization, ensuring a seamless & optimal user experience.
- Integrated all social media APIs, demonstrating a deep understanding & expertise in connecting & utilizing various social media platforms within the application.
- Implemented a distraction-blocking feature that removes selected applications, including social media apps, from the user's phone for a specified duration, fostering a more focused & mindful digital experience.
- Developed an innovative break feature that temporarily restores removed applications, notifying users upon completion & then removing them again from the device.
- Provided users with the ability to post content on social media directly from the application, eliminating the need to reinstall removed apps, and showcasing a streamlined & efficient posting process.
- Managed backend functionalities in Python, including database interactions & hosting on Heroku, ensuring robust & scalable server-side operations.
- Integrated secure payment systems using Stripe, enhancing the application's functionality & enabling transactions within the app.
- Collaborated closely with UI/UX designers to create an engaging & user-friendly client-side architecture, optimizing the application for speed & scalability.
- Conducted rigorous testing, debugging, & optimization to ensure the reliability & responsiveness of the platform.
- Demonstrated proficiency in end-to-end application development, from conceptualization to implementation, highlighting a comprehensive skill set in mobile app development.
- Successfully launched the application on both Google Play Store & Apple App Store, maintaining adherence to store guidelines, ensuring smooth updates, & securing continued acceptance from both platforms.

## Website Editor

**MAY 2023 – AUGUST 2023**

### *International Association Of Dental Students*

*Switzerland - Remote*

- Developed a functional & user-friendly webpage for the International Association of Dental Students (IADS) Congress.
- Collaborated closely with the IADS team to create engaging & informative content.
- Implemented registration forms, linked buttons, & navigation bars for seamless access to information.
- Edited & updated website content, incorporated multimedia elements, & improved the user experience.
- Contributed to the success of the IADS Congress website.

## Flutter Mobile Application Developer

**MARCH 2023 – JUNE 2023**

### *New Giza University*

*Egypt*

- Designed, developed, & implemented a mobile application for the Newgiza University Student Union on iOS & Android platforms.
- Collaborated with a UI/UX designer to create a well-functioning client-side architecture & connected it to Firebase for server-side functionality.
- Developed new features & user interfaces, tested & debugged the software, & optimized the application for speed & scalability.
- Ensured timely delivery & met the requirements of the Newgiza University Student Union.

## Flutter Mobile Application Developer

**MARCH 2022 – JULY 2023**

### *empoweromics*

*Egypt*

- Designed, developed, & implemented mobile applications on iOS & Android platforms.
- Collaborated with development teams & product managers to ideate software architecture & solutions.
- Managed well-functioning DB, mobile application, client, & server-side architecture.
- Tested & troubleshooted software for responsiveness & efficiency.
- Collaborated with Product & UI/UX teams to refine enhancement designs.

- Implemented third-party libraries & APIs, created security & data protection settings, & wrote technical documentation.
- Optimized applications for maximum speed & scalability.

## Software Developer Intern

JULY 2022 – AUGUST 2022

### Microsoft

Egypt

- I worked on the "Human vs. AI NER Labeling" project, building a tool to compare human & artificial intelligence's abilities to identify & classify entities.
- Utilized technologies such as JavaScript, jQuery, HTML, CSS, Bootstrap, Firebase, GIT, non-relational databases, & APIs.
- Visualized results in an analytics page to conclude & improve the NER model.

## CEO & Founder

SEPTEMBER 2021 – SEPTEMBER 2023

### NEMO

Egypt

- Established & managed a successful customizable hoodie & t-shirt printing business.
- Led the company with a clear vision & mission, driving growth & profitability.
- Managed social media presence, engaged with customers effectively, & implemented strategic marketing techniques.
- Oversaw the production process, ensuring high-quality standards & customer satisfaction.
- Actively pursue opportunities for business growth & expansion.

## Flutter Mobile Application Developer Intern

JULY 2021 – AUGUST 2021

### Nawy

Egypt

- Implemented two new features & fixed three bugs to ensure the flawless functioning of the application

## EDUCATION

### New Giza University

OCTOBER 2020 – JUNE 2024

*Bachelor of Information Technology – 3.82 GPA*

Egypt

### New Giza University

OCTOBER 2019 – JUNE 2020

*Bachelor of Dentistry*

Egypt

### Manor House International School British Division

SEPTEMBER 2016 – JUNE 2019

*IGCSE High School*

Egypt

### Abu Dhabi International School

SEPTEMBER 2006 – JUNE 2016

*Secondary School*

UAE

## ACTIVITIES

- Participated in an AI hackathon & achieved a 93% accuracy in an image classification problem.
- IEEE PES Day '23 Egypt Section – Hosting NGU
- An active member of the university's student union
- Presented a complete business plan & demo app for a case study on the water crisis in Egypt
- Founder of IEEE-New Giza University Branch
- Tutored IGCSE students in ICT & CS
- New Giza University's ambassador to the School of IT
- Presented on product management & implemented a case study at the EG Bank product management course
- Recognized for tutoring efforts from the Dean of the School in the Introduction to Programming course