

# Ahmed Naeim

6<sup>th</sup> of October City · +201002719594

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## Summary

I go beyond being a Flutter App Developer; I design digital experiences. My focus is on turning advanced ideas into outstanding mobile apps. Using Artificial Intelligence, I specialize in building innovative ecosystems. From detailed database work to smooth API integration, I create user-friendly wonders. What makes me unique is not just my technical skills but the blend of an entrepreneurial spirit with tech finesse. I don't just make apps; I craft immersive solutions that connect with both users and businesses.

## EXPERIENCE

AUGUST 2023 – OCTOBER 2023

### Artificial Intelligence & Mobile Application Developer Intern, IBM

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

JULY 2023 – AUGUST 2023

### Data Analytics Intern, Vodafone

- Collaborated with a team to automate the detection of duplicated Cell IDs in Vodafone's network.
- Validated duplicated Cell IDs and 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 and innovative solutions in telecom.

#### MARCH 2023 - PRESENT

##### **Flutter Mobile Application Developer, Newgiza University**

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

#### JULY 2023 – AUGUST 2023

##### **Flutter Mobile Application Developer, BeTimeful, Canada (Remote)**

- Solely developed and implemented cross-platform mobile applications using Flutter, covering both iOS and Android platforms.
- Engineered specialized functionalities, including foreground services and launcher customization, ensuring a seamless and optimal user experience.
- Integrated all social media APIs, demonstrating a deep understanding and expertise in connecting and 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 and mindful digital experience.
- Developed an innovative break feature that temporarily restores removed applications, notifying users upon completion and 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, showcasing a streamlined and efficient posting process.
- Managed backend functionalities in Python, including database interactions and hosting on Heroku, ensuring robust and scalable server-side operations.
- Integrated secure payment systems using Stripe, enhancing the application's functionality and enabling transactions within the app.
- Collaborated closely with UI/UX designers to create an engaging and user-friendly client-side architecture, optimizing the application for speed and scalability.
- Conducted rigorous testing, debugging, and optimization to ensure the reliability and 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 and Apple App Store, maintaining adherence to store guidelines, ensuring smooth updates, and securing continued acceptance from both platforms.

#### MAY 2023 – AUGUST 2023

##### **Website Editor, International Association of Dental Students**

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

#### MARCH 2022 – JULY 2023

## **Flutter Mobile Application Developer, Empoweromics. inc**

- Designed, developed, and implemented mobile applications on iOS and Android platforms.
- Collaborated with development teams and product managers to ideate software architecture and solutions.
- Managed well-functioning DB, mobile application, client, and server-side architecture.
- Tested and troubleshoot software for responsiveness and efficiency.
- Collaborated with Product and UI/UX teams to refine enhancement designs.
- Implemented third-party libraries and APIs, created security and data protection settings, and wrote technical documentation.
- Optimized applications for maximum speed and scalability.

**JULY 2022 – AUGUST 2022**

## **Software Developer Intern, Microsoft**

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

**SEPTEMBER 2021- PRESENT**

## **CEO and Founder, NEMO**

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

**JULY 2021 – AUGUST 2021**

## **Flutter Mobile Application Developer Intern, Naway**

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

## **TECHNICAL SKILLS**

- Mobile Application Development: Flutter (iOS, Android)
- Programming Languages: C++, Python, Dart
- Databases: SQL, Firebase
- Object-Oriented Programming (OOP)
- Data Structures and Algorithms
- Proficient in building efficient and high-performing mobile applications
- Experienced in publishing apps on Google Play and App Store
- BLoC pattern
- Push Notification
- Web Development: Firebase, RESTful API, JSON, HTML, CSS, JavaScript
- APIs: Integration and working with various APIs
- Version Control: Git, GitHub
- Software Testing and Debugging
- Database Management: Relational & Non-relational databases
- Artificial Intelligence (AI)
- Generative AI
- Data Analysis: NumPy, Pandas
- JavaScript Frameworks: jQuery, Bootstrap
- Strong knowledge of emerging technologies and industry trends
- Business Management
- Marketing and Social Media Management

## **SOFT SKILLS**

- Communication
- Teamwork

- Problem-Solving
- Adaptability
- Leadership
- Project Management
- Interdisciplinary Communication
- Agile Development
- Time Management
- Attention to Detail
- Adaptability
- Creating Effective Plans
- Flexibility in Changing Situations
- Eagerness to Learn and Apply
- Strategic Thinking
- Customer Satisfaction

## EDUCATION

2020 - 2024

### Bachelor of Information Technology (In Progress), NEWGIZA UNIVERSITY

- Current GPA: 3.82/4.00.
- Relevant courses.
  1. Introduction to Programming (Python): A
  2. Programming II (OOP with C++): A+
  3. Introduction to Data Science: A
  4. Data Structures and Algorithms: A
  5. Intro to AI: A-
  6. Databases: A-
  7. Software engineering: A+
  8. Modern Application Development A+
  9. Machine Learning A+

## RELEVANT ACTIVITIES

1. Participated in an AI hackathon and achieved a 93% accuracy in an image classification problem.
2. IEEE PES Day '23 Egypt Section – Hosting NGU
3. An active member of the university's student union
4. Presented a complete business plan and demo app for a case study on the water crisis in Egypt
5. Founder of IEEE-New Giza University Branch
6. Tutored IGCSE students in ICT and CS
7. New Giza University's ambassador to the School of IT
8. Owns and operates a customizable hoodie and t-shirt printing business
9. Presented on product management and implemented a case study at the EG Bank product management course
10. Recognized for tutoring efforts from the Dean of the School in the Introduction to Programming course

## CERTIFICATIONS (Available upon request)

- I finished 90% of Udacity Programming for Data Science with Python Nanodegree Program, where I did 2 out of 3 projects.
- AI Hackathon.
- DATA ANALYSIS ONE MILLION ARAB CODERS (Udacity)
- Learning Python (LinkedIn)
- Strategic Planning Foundations (LinkedIn)
- Product Management (EG Bank)
- Peer Tutoring (Newgiza University)

## LANGUAGES

- English: Fluent
- Arabic: Native