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Ahmed Naeim

Flutter Mobile Application Developer & AI Specialist

LinkedIn
Portfolio
Github

SKILLS

Software Development	Python, C++, Dart, Flutter, Swift, Java, HTML, CSS, JavaScript
Data Analysis & AI	Numpy, Pandas, Prompt Engineering, LangChain, RAGs, ML, DL
Development & Business Integration	Microservices, RESTful APIs, Integration, Testing & Debugging
Version Control & Collaboration	Git, GitHub
Database Management	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   MARCH 2023 – PRESENT
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   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 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