

Khalid Elabd

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Summary

Dedicated Software Engineer and Flutter Developer pursuing a B.Sc. in Computer Science and Artificial Intelligence at Sadat City University (Expected 2026). Specializing in cross-platform mobile app development, front-end development, and problem-solving. Proficient in Flutter, Dart, Java, Kotlin, HTML, CSS, JavaScript, and Python. Experienced in delivering user-friendly applications with seamless UI/UX through internships, freelance projects, and hackathons. Passionate about leveraging AI and modern frameworks to create innovative digital solutions.

Education

B.Sc. in Computer Science and Artificial Intelligence 2022 – 2026 (Expected)
Faculty of Computers and Artificial Intelligence, Sadat City University

- **Key Projects:**
 - *Full Stack Website:* Led development of a platform supporting Palestinians, securing 1st place in class.
 - *Encryption & Decryption App:* Built a Flutter App supporting 9 encryption algorithms for secure data.
 - *University Management System:* Developed a C++ system for student and library management.
 - *Central Library Website:* Designed a web platform for Sadat City University's library, enhancing resource accessibility.
 - *Search Engine App:* Developed by Flutter, simulating a search engine, implementing real information retrieval techniques like TF-IDF, inverted indexing, and Boolean matching. Processed and indexed 200 documents across topics like Data Science, AI, and NLP, using a local database for efficient query handling. Designed an interactive UI with switchable search methods, enabling users to explore ranking algorithms, achieving seamless performance on Android and iOS.

Technical Skills

- **Programming Languages:** Dart, Java, Kotlin, Python, JavaScript, HTML, CSS, PHP, C++
- **Frameworks & Tools:** Flutter, WordPress, Git, GitHub, Firebase, REST APIs
- **Development:** Mobile App Development (Android, iOS), Front-End Development, UI/UX Design, Object-Oriented Programming (OOP), Data Structures (DS)
- **Other:** Problem Solving, Agile Methodologies, Responsive Design, Cybersecurity Basics

Experience

Flutter Developer (Freelance) Nov 2024 – Present
Upwork, Remote

- Developed and deployed cross-platform mobile apps using Flutter, including **PDF Nest**, a comprehensive PDF management tool with features like text-to-PDF, image-to-PDF, and encryption (available on [Google Play](#)).

- Designed and launched **Water Tracker**, an elegant hydration reminder app with modern UI, daily progress tracking, and custom notifications (available on [Google Play](#)).
- Released **FIT BRO**, a fitness tracking app focused on helping users reach their health and wellness goals (available on [Google Play](#)).
- Enhanced user experience with responsive UI/UX designs and integrated Firebase for real-time data handling.
- Collaborated with clients to deliver tailored solutions, achieving 100% client satisfaction on 5+ projects.

Coding Instructor

Dec 2024 – Present

Evaaz Academy, Part-time

- Delivered engaging Scratch and Python lessons to young learners, increasing student retention by 20%.
- Designed interactive coding exercises to foster problem-solving and logical thinking skills.

Mobile Developer Intern

Jun 2025 – Jul 2025

Intern2Grow, Remote

- Developed a [Quote Generator](#) and [login](#) App using Flutter, focusing on intuitive UI and efficient state management.

Frontend Developer Intern

CeerasCeeras, Remote

Feb 2025 - Aug 2025

- Collaborated with design and development teams to create responsive, user-friendly web applications using HTML, CSS, and JavaScript, ensuring seamless UI/UX across devices.
- Developed and tested front-end features, including interactive components and dynamic interfaces, to enhance user engagement and accessibility.
- Contributed to code reviews and utilized version control systems (e.g., Git) to maintain high-quality, scalable codebases in an Agile environment.

Front-End Developer Intern

CodeAlpha Tech, Remote

Aug 2024 – Oct 2024

- Created responsive web applications using HTML, CSS, and JavaScript, including a dynamic [image gallery](#), [calculator](#), and a [portfolio](#) website, improving user interaction by 40%.

Programming Intern

Azzrk, Hybrid

Sep 2024 – Nov 2024

- Developed WordPress themes and plugins, optimizing site performance and security for 5+ projects.
- Applied object-oriented PHP to build scalable web solutions.

Training

Software Development - Cross Platform Mobile App Developer Jul 2025 – present
Digital Egypt Pioneers Initiative (DEPI), Hybrid, Round 3

- Designed and developed high-performance cross-platform mobile applications using Flutter and Dart, delivering seamless user experiences on Android and iOS platforms.
- Implemented advanced features, including real-time data syncing, push notifications, and dynamic UI components, enhancing app functionality and user engagement by 20%.
- Integrated REST APIs and Firebase for efficient data management and backend connectivity, ensuring robust and scalable app architectures.
- Utilized BLoC state management to streamline app logic and maintain clean, maintainable codebases, reducing development time for iterative updates.

Quantum Computing and Programming Jul 2025 – Sep 2025
Alamein International University (AIU), QWorld, QEgypt, AleQCG

- Participated in QCourse110-1, gaining hands-on experience in quantum computing and programming concepts.
- Applied quantum algorithms to solve computational problems, enhancing technical expertise

Mobile Application Developer May 2025 – Aug 2025
National Telecommunication Institute (NTI), On-site

- Built a [BMI Calculator](#) app using Flutter, implementing responsive layouts, BLoC state management, and API integration for real-time calculations, improving user engagement by 30%.
- Applied clean code principles and Material Design to ensure scalable and maintainable code bases.
- Built a [Movie App](#) that fetches real-time data from a movie API, displaying trending, top-rated, and upcoming films with detailed views and search functionality.
- Created an [E-commerce App](#) supporting product listing, filtering, cart functionality, and a user-friendly UI, simulating real-world shopping experiences.

Mobile Application Development Apr 2024 – Oct 2024
Digital Egypt Pioneers Initiative (DEPI), Hybrid, Round 1

- Developed interactive mobile apps using Flutter, Java, and Kotlin, focusing on UI/UX best practices.
- Implemented features like real-time data processing and form validation, reducing app errors by 25%.
- Collaborated with Agile teams to deliver 3+ projects, including [Fitness App](#) designing to track workouts and progress, with sleek UI and customizable routines with Flutter.
- Built [Quran App](#): enabled reciter selection, audio playback, and prayer time reminders using Flutter and local notifications.
- Built [Calculator App](#): Built using Java with an intuitive UI and support for basic arithmetic.

Developer Program of the Digital Agriculture pillar

Jan 2024 – Dec 2024

FAO, Remote

- Developed and tested mobile and web-based applications using modern frameworks, supporting smallholder farmers with data-driven insights on crop management and resource efficiency.
- Analyzed agricultural datasets to improve decision-making tools, optimizing features like weather-based advisories and market connectivity for underserved regions.

Volunteering and activities

Coding Instructor

Brain Found, Remote

- Developed and taught programming courses, focusing on Scratch and Python, to foster computational thinking in students.
- Mentored learners in project-based coding, increasing engagement through hands-on activities.

Coding Instructor

Future Academy, Remote

- Designed and delivered engaging programming courses in Scratch and Python, fostering computational thinking and problem-solving skills among young learners.
- Developed interactive coding curricula and hands-on projects, increasing student engagement by 25% through gamified learning experiences.

Head of Programming and Electronics

EVBank, Hybrid

- Lead programming and electronics initiatives, develop and deliver educational content, and manage technical projects.
- Coordinated team efforts to implement innovative solutions for community engagement.

Public Relations

Rally Sadat University, Hybrid

- Organized events and campaigns.
- Enhancing community outreach.

Human Resources

Economic youth, Remote

- Supported recruitment processes and training programs, improving organizational efficiency

Human Resources (IT)

Delta Youth Sanad, Menoufia Governorate, Hybrid

- Conducted technical interviews to evaluate candidate skills, ensuring high-quality hires.
- Delivered training sessions on technical and soft skills, improving team performance.
- Utilized Microsoft Office tools to create work plans and streamline HR processes.

Certifications

- Certified Mobile Developer, Intern2Grow, Jun 2025
- Python Essentials 1, Cisco, Jun 2025
- Python Coder, Kaggle, May 2025
- EF SET English Certificate (C2 Proficient, 94/100), EF SET, Jul 2024
- Problem Solving, HackerRank, Apr 2024
- AI and Machine Learning Foundations, Sprints
- Ubuntu Linux , Udemy
- Web Hacking , Udemy
- Bash Scripting for Linux Security, Udemy
- Git and GitHub , Almdrasa
- CSS, Udemy
- Freelancing, Information Technology Industry Development Agency, ITIDA
- Object-oriented programming (OOP), Information Technology Institute (ITI)
- Mobile App developer, Digital Egypt Pioneers Initiative – DEPI
- HTML & CSS, Information Technology Institute (ITI)
- Clean Code, Information Technology Institute (ITI)
- Digital marketing, Google
- Wireless Communication for IOT, Information Technology Institute (ITI)
- LinkedIn Content and Creative Design, LinkedIn, Dec 2024
- LinkedIn Marketing Solutions Fundamentals, LinkedIn, Dec 2024–Dec 2026

Hackathons & Competitions

- **NASA Space Apps Shebeen El-Kom 2024:** Developed an interactive [website](#) for SDGs education using NASA data.
- **AAST Entrepreneurship Center Hackathon 2024:** Built an educational platform for university students (Wasta).
- **Orange Corners 2024:** Developed a mobile application to teach Arabic language skills, featuring interactive lessons and dialect support (بالعربي).
- **ECPC (Egyptian Collegiate Programming Contest) 2023–2024:** Solved complex algorithmic challenges in a team.
- **GenZures Hackathon, Nile University 2023:** Contributed to innovative app development.

Languages

- Arabic (Native), English (Fluent), German (Basic)