

Ibrahim Khalil

Full Stack Engineer
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SKILLS

- **Frontend:** React, Next.js, Context API, React Query, TypeScript, JavaScript (ES6+), HTML, CSS, Tailwind, Bootstrap, Redux, GSAP, Framer Motion, Storybook, Jest
- **Backend:** Python, Flask, Node.js, Express, MongoDB, PostgreSQL, SQL
- **DevOps & Cloud:** Docker, Git, GitHub Actions, GCP(Cloudrun), AWS (EC2, S3, Lambda)
- **Other:** Figma, Photoshop, Agile, Design Patterns

WORK EXPERIENCE

- **Maz Mrkt** Cairo, Egypt (Remote)
Full Stack Engineer Oct 2025 – Present
 - **Designed and developed** a high-performance headless commerce engine using **Next.js 15** and **Shopify Storefront GraphQL API**, Used **GSAP** to create immersive, interactive UI components.
 - Developed and deployed a Virtual-Try-On feature using Google Vertex-AI API, increasing user engagement time by 30%.
- **InfoMedia BV** Cairo, Egypt (Remote)
Full Stack Engineer Jul 2024 – Aug 2025
 - Developed scalable APIs using **Python, Flask, Puppeteer**, and **Beautiful Soup**, increasing automated data throughput by **60%**.
 - Architected advanced scraping tools using **React, Puppeteer, yt-dlp**, and **FFmpeg**, deployed on **GCP**, cutting reporting time by **80%**.
- **Average Five Agency** Cairo, Egypt
Graphic Designer / UI-UX Jul 2023 – Dec 2023
 - Worked on multiple branding projects, Design Systems and UI/UX designs.
 - Worked on Improving Landing Page Designs to increase conversion rate by 40% .
- **Aschl Management Systems** Schleißberg, Austria (Remote)
Intern Software Engineer May 2022 – Oct 2022
 - Created a data management interface in WinDev, enabling fast CRUD operations using **HFSQL**.
 - Optimized HFSQL queries and resolved system bugs.

EDUCATION

- **Università Ca' Foscari Venezia** Venice, Italy
Masters in Software Engineering and Development Sep 2024 – Present
 - **Relevant Coursework:** Software Architecture, Cloud Computing & Distrubuted Sytems, Software Performance & Scalability, Software Development Methodologies.
- **Nile University** Cairo, Egypt
Bachelors in Computer Engineering Sep 2019 – Feb 2024
 - **Relevant Coursework:** Data Structures, Design and Analysis of Algorithms, Database Systems.

PUBLICATIONS

- **Smart IoT-Based Shared Bike System — IEEE Publication** Alexandria, Egypt
IC-FTAI Conference Feb 2025
 - Developed a smart mobility solution using **Raspberry Pi**, **GPS**, and **accelerometer** sensors for real-time tracking and theft detection.
 - Integrated cross-platform app with **Flutter** and real-time admin dashboard using **Firebase**.