Islam Abdelfattah

Cairo, Egypt | islam_9t9@yahoo.com |Linkedin | GitHub | +2001112021754

Work Experience

Co-Founder & CEO, Backend and Mobile Developer | Paccgo, Inc | Feb '23 - Present

- Co-founded and serving as CEO at Paccgo, Inc., spearheading the development and structuring of the startup, aimed at revolutionizing item transportation and connecting global shoppers and travelers.
- Led the entire project lifecycle, from initial product definition to interactive design, ensuring a smooth and intuitive user journey.
- Developed a robust backend infrastructure utilizing cutting-edge technologies such as Node.js, Express.js, MongoDB, Redis, Socket.IO, Meilisearch, Docker, and AWS, fostering scalability and operational efficiency.
- Actively engaged in mobile app development, leveraging Expo, React Native, and Redux to deliver feature-rich and user-intuitive applications.
- Fused entrepreneurial vision, leadership prowess, and technical expertise, contributing significantly to establishing Paccgo as an innovative leader in the delivery industry.

Backend Developer | Naseej AAS | Cairo, Egypt | Jan '23 - Jun '23

- Improved Arabic text extraction accuracy by 30% through Python script development for PDF preprocessing.
- Spearheaded the creation of a Python Flask backend for ArabicGPT, ensuring optimal performance and seamless user experience.
- Engineered API endpoints using Python Frappe, amplifying user interaction and enriching the online learning experience.
- Managed code control with Azure DevOps, fostering quality and collaborative teamwork.

Junior Backend Developer | Tqniat Lab LLC | Cairo, Egypt | April '22 - Jan '23

- Implemented scalable Python FastAPI microservices and APIs for MENA Flights and Hotels booking, enhancing functionality.
- Enhanced existing APIs, facilitating real-time data synchronization and availability.
- Resolved integration issues, elevating user experience.
- Optimized query performance using SQLAlchemy and Redis, resulting in improved system efficiency and response times.

Intern Backend Developer | Tqniat Lab LLC | Cairo, Egypt | Jan '22 - April '22

- Played a pivotal role in launching the MENA travel platform, gaining comprehensive end-to-end development experience.
- Expanded booking options by seamlessly integrating third-party APIs with certifications.

Intern Software Engineer | Ahram Security Group | Cairo, Egypt | July '21 - Sept '21

- Developed Ahram Slitting Software using C# and WPF, optimizing steel slicing waste and maximizing material usage.
- Automated product combination, reducing errors and improving productivity by over 70%.
- Collaborated with the planning team to ensure a tailored final product.

Technical Skills

- **Languages:** Python, TypeScript, JavaScript, C#, HTML, CSS, Java, C++
- **Frameworks/Libraries:** Flask, FastAPI, Frappe, Pandas, Numpy, Matplotlib, Node, Express, React Native, VanillaJS, Jest, WPF
- **Databases:** PostgreSQL, MySQL, MongoDB, ORM, Redis
- **Other Tools/Technologies:** Docker, AWS, Socket.io, Git, Meilisearch, NGINX

Education

Moscow Institute of Physics and Technology | Moscow, Russia | Sept '18 – Jul '22

Bachelor's of Computer Science and Applied Mathematics
GPA: 4.64/5.00