

AYAT ALI

Software Engineer

Cairo, Egypt

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Education

Cairo University

Bachelor of Science in Computer Science , 3.21

Sep. 2020 – May 2024

Cairo, Egypt

Internship

Information Technology Institute (ITI)

Full-stack Python Intern

Dec 2024 – Apr 2025

Cairo, Egypt

- Participated in a 4-month Intensive Code Camp (ICC) in Full-Stack Python Development.
- Collaborated with local training centers to leverage existing infrastructure.
- Acquired expertise in:
 - * Python Basics & Object-Oriented Programming
 - * Python Frameworks: Flask, Django
 - * Open-Source ERP and CRM System: Odoo
 - * HTML5 & CSS3
 - * Bootstrap
 - * jQuery
 - * Frontend Frameworks: Angular and React
 - * UX/UI Design Basics
 - * PostgreSQL Database

Lumin Soft

Full Stack Developer

Jun 2024– Aug 2024

Cairo, Egypt

- Demonstrated expertise in full-stack development, utilizing clean code practices in ASP.net and harnessing the power of Angular to implement diverse projects.
- Innovatively explored and integrated cutting-edge features, ensuring the delivery of high-quality, user-centric applications. Worked closely with the team to ensure the seamless integration of front-end and back-end components.

Mentor Seven Software Solutions

Back-End Developer Mentor

Jan 2023– Aug 2023

Cairo, Egypt

- Led the design and implementation of sophisticated systems, focusing on back-end development and creating robust APIs using Django API REST framework.
- Collaborated seamlessly with cross-functional teams, contributing to the ideation and development of innovative applications. Assisted in creating seamless user experiences through efficient back-end architecture and functionality.

Commercial International Bank (CIB)

Digital Era Summer Training

May 2022 – Jul 2022

Cairo, Egypt

- Immersed in the dynamic world of the banking industry and digital transformation, gaining invaluable insights into emerging trends and technologies.
- Developed practical skills in data analysis, leveraging data-driven approaches to derive meaningful conclusions. Acquired knowledge in cybersecurity, understanding the importance of safeguarding digital assets.



Certifications

Problem Solving Engineer Certification (ECPC)

2022

- Earned the prestigious ECPC certification in 2022, demonstrating exceptional problem-solving skills and engineering expertise.
- Acquired a comprehensive understanding of complex problem-solving techniques and their practical applications in real-world scenarios.

Projects

V_Prova Mobile Application (Virtual Try-On 2D Images) Graduation Project	May 2024
<ul style="list-style-type: none">• Developed an innovative mobile application allowing users to virtually try on clothes using 2D images.• Utilized the generative AI model IDM_VTON to produce the result.• Focused on optimizing the preprocessing of the agnostic image of the person, significantly improving the model's results.• Integrated the model and mobile app's functionality through Django REST APIs.	
Crowd Fund Web App (Django, React) 	Mar 2025
<ul style="list-style-type: none">• Built a full-stack crowdfunding platform using Django for the backend and React for the frontend.• Implemented core features such as user authentication, project creation, donations, and category filtering.• Designed responsive, user-friendly UI and ensured seamless API integration between frontend and backend.	
Recipe Website (Angular & ASP.net) 	Aug 2024
<ul style="list-style-type: none">• Collaborated as a full stack developer on a recipe management project, combining Angular and ASP.net.• Implemented intuitive features for meal planning and recipe management, enhancing user accessibility and engagement.	
Teaching Platform (Django)	Jan 2023
<ul style="list-style-type: none">• Engineered an interactive teaching platform, empowering educators to upload videos and lectures.• Enabled seamless communication between teachers and students through Django, fostering an engaging and collaborative learning environment.	

Coursework

Front-End Development at IEEE
<ul style="list-style-type: none">• Gained proficiency in HTML5, CSS3, and JavaScript frameworks.
Web Development at Egypt FWD
<ul style="list-style-type: none">• Explored both client-side and server-side programming using modern frameworks, including Node.js.
Data Analysis at Egypt FWD
<ul style="list-style-type: none">• Applied statistical methods and data visualization techniques to analyze real-world datasets.

Skills

- Front-End:** HTML5, CSS3, JavaScript, React, Angular
- Back-End:** Java (Spring Boot), Django, ASP.NET
- Databases:** SQL Server, PostgreSQL, MongoDB
- Programming Languages:** Python, C++, Java, C#
- Software Engineering:** SOLID Principles, Design Patterns
- Data Analysis & Machine Learning:** Data analysis techniques, ML algorithms
- DevOps & Tools:** Docker, Apache Server, Git, GitHub

Language Skills

- Arabic: Native
- English: Very good