

Ayman Kastali

Software Engineer

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HEADLINE

- Software Engineer with a bachelor's degree in Computer Engineering
- 4 years of experience

PERSONAL INFORMATION

- Nationality: Syrian
- Visa status: Tourist Visa
- Date of birth: 20, June 1994

EDUCATION

- **Graduated from Faculty of Electrical and Electronical Engineering, Computer Engineering** **2012 - 2021**
University of Aleppo (Aleppo, Syria)

CORE COMPETENCIES

- Algorithms
- Programming languages
- Software and hardware skills
- Machine learning
- Deep Learning
- Database management system
- Networking

PROFESSIONAL EXPERIENCE

Python Developer (Freelancing):

Feb 2019 - Present

Main Responsibilities:

- Design, develop, and implement web-based python applications using Django framework, API's using DRF, GUI's apps using Tkinter and ML models and classifiers.
- Tutoring Python for students who seek to learn Python and programming.
- Worked hands-on with a variety of data sources, project scenarios, and data analysis tools, including Excel, SQL, Relational Databases, Python, Jupyter Notebooks, and Cognos Analytics, applying data manipulation, data analysis, and data visualization.
- Creating many machine learning and deep learning models using supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning.
- Applying the best practices and techniques for building machine learning models and challenging real-world problems.
- Creating extremely scalable, dependable, Python based software.
- Refactor existing applications to optimize its performance through setting the appropriate architecture and integrating the best practices and standards.
- Write clean, self-documenting code that follows best practices and design patterns.
- Participate in the entire application lifecycle mainly focusing on coding, debugging and testing.
- Ensure high quality code which is very well optimized utilizing the right design, algorithms and data structures.

IT Technician member in Technical support and Information security team at (Ihya'a Hallab al-Kadima):**Mar 2022 - Sep 2022**

Contract type: Full Time

Main Responsibilities:

- Installation, configuration and support for software and hardware.
- Provide technical support (e-mail, phone calls, on-site support).
- Troubleshoot incidents, debug, and provide problem analysis.
- Design and deploy functional networks (LAN, WLAN, WAN).
- Configure and install software, servers, routers, and other network devices.
- Monitor network performance and integrity.
- Responsible for the maintenance, configuration, and reliable operation of computer systems, network servers, and virtualization install and upgrade computer components and software, manage virtual servers, and integrate automation processes.
- Provide documentation and technical specifications to IT staff for planning and implementing new or upgrades of IT infrastructure.
- Responsible for giving technical support to guests and palace members on software/hardware complaints.
- Supports the installation, configuration, and troubleshooting of hardware and software on PC workstations and laptops.

IT Technician member in Technical support team at (Arena Mall):**Jun 2021 - Mar 2022**

Contract type: Full Time

Main Responsibilities:

- Provide technical support (e-mail, phone calls, on-site support).
- Troubleshoot incidents, debug, and provide problem analysis.
- Design and deploy functional networks (LAN, WLAN, WAN).
- Configure and install software, servers, routers, and other network devices.
- Monitor network performance and integrity.
- Responsible for the maintenance, configuration, and reliable operation of computer systems, network servers, and virtualization install and upgrade computer components and software, manage virtual servers, and integrate automation processes
- Any other duties, which may be assigned to you from time to time as directed by your Supervisor or Manager.

PROJECTS

- JobSearch (LinkedIn clone) web application :
Features :
 - Django allauth package for handling user authentication.
 - Django friendship package for handling friends requests, follows and blocks.
 - Beautiful GUI's using css grid system besides bootstrap.
 - Python decorators for security and managing pages access.
 - Email sender feature between companies and candidates.
 - Filter jobs by tag, city and job title for users who are looking for a job.
 - Super helpful page for HR to organize candidates, taking notes while interviewing and accept the best candidate.
 - Real time chat system.
- CRM (Customer relations management) web application.
- Live Notes web application using Django and React.
- Flowers delivery web application.
- Breast cancer detector using Deep Learning (CNN).
- Movies Recommender using unsupervised learning.
- E-Commerce web application using Django and JavaScript.
- Advertising agency web application.

SOFTWARE SKILLS

- Excellent at : Python - Django framework - Django Rest Framework - Tkinter - Machine Learning - Deep learning - Data analysis - Web scraping - SQL (PostgreSQL - MySQL - Oracle) - Git - HTML - CSS - IBM Cognos - Microsoft Power BI - Excel - Powerpoint
- Very good at: React - JavaScript - Java
- Good at: C++ - C# - NoSQL (MongoDB)

SOFT SKILLS

- Critical thinking and collaboration.
- Communication, analytical, interpersonal, and leadership skills.
- Strong verbal and written communication skills - Able to work on deadlines - Time management.
- Passionate - Team player - Organized.
- Presenter and Public speaker.

LANGUAGES

- Arabic - Mother Tongue
- English - Fluent
- Russian - Intermediate

CERTIFICATES

- **Machine Learning** - Deeplearning.ai
- **Supervised Machine Learning** - IBM
- **Programming in Python** - Meta
- **Programming with JavaScript** - Meta
- **Data Analysis** - IBM
- **Using Python to access Web Data** - Michigan University
- **Python Data Structure** - Michigan University
- **Using Python in AI** - Aleppo University
- **Supervised, Unsupervised machine learning** - Aleppo University
- **Building android apps with Java** - Aleppo University
- **C++** - Syrian Engineers Association
- **CCNA** - New Horizons Institute

MEMBERSHIPS

- **Syrian Engineers Association:**
- Member as Computer Engineer **Jan 2022 - Present**

VOLUNTARY ACTIVITIES

- **Syria Trust for Development:**
- Volunteer **Apr 2016 - Oct 2019**