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| **Shahrzad Jalali** | **US CITIZEN** |
| 14209 Marian Drive | **Mobile: +1 (301) 250-3010** |
| Rockville, MD 20850 | **Email: djsharjalali@gmail.com** |

**Professional Summary**

Innovative, results-oriented software engineering professional, well-versed in executing object-oriented methodologies in software and database development. Eager to continue learning and expanding knowledge in various, emerging technologies, including completion of coursework for business strategies and implementation of Artificial Intelligence. Exploring opportunities that apply intuitive and technical skills to develop imaginative solutions to business challenges.

**Technology Summary**

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| **Languages** | **Frameworks/ Libraries** | **Databases** | **Algorithms** | **Other** |
|  |  |  |  |  |
| * Python | * Django | * MySQL | * Functions / Variables / Arrays | * Git / Github |
| * REACT | * Express | * SQLite | * IF / ELSE Statements | * AWS |
| * C# | * React | * MongoDB | * FOR / WHILE Loops | * Postman |
| * CSS | * Bootstrap |  | * Linked Lists | * BCrypt |
| * HTML 5 | * ASP.NET Core |  | * Recursion | * REGEX |
| * JavaScript | * Entity Frameworks |  | * Binary Search Tree | * NGINX |
| * SQL | * jQuery and * Node.js |  | * Advanced Sorting | * Gunicorn |
|  | * OpenCV |  | * Heaps / Stacks / Queues | * AJAX / APIs |
|  |  |  | * Trie | * socket.IO |

**Technical Skills**

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| * Full Stack: Python, React, C# | * Artificial Intelligence: Strategies and Implementation |
| * Data Structures and Algorithms | * Software Development Standards |
| * Object-Oriented Programming (OOP) | * Data Storage and Retrieval with security |
| * Web Site and Software Deployment / AWS, and others | * Project Quality Control |
| * Databases: MySQL and MongoDB | * Project Debugging and Troubleshooting |
| * Test Driven Data (TDD) | * Software Testing and Validation |
| * Software Version Control: GitHub, Git | * Back- and Front-End Security Implementation |
| * API and RESTful API’s Development | * Security : Bcrypt, Validations, REGEX |
| * Database Design and Development | * Analytical Thinking and Problem Solving |
| * MVT’s and MVC’s | * DevOps |

**Projects Portfolio**

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| **Python Full Stack Project** | **[View-Site](http://3.86.77.157/) | [GitHub](https://github.com/DjShahrzad/employeesProject)** |

* WEB SITE TO CREATE REQUESTS FOR EMPLOYEES- WITH LOGIN / REGISTRATION /VALIDATIONS
  + Multiple template web site using the “MVT” model, while incorporating back and front end validation, registration / log in form for new / existing Employees, CRUD commands, mySQL and SQLLite database, utilizing REGEX email encryption, No re-existing Emails could be added to database, and Bcrypt password security and hashing.
  + Technology: Python, HTML, CSS, Bootstrap, JavaScript, MySQL, Bcrypt, and REGEX, Django framework, and deployed via Git, GitHub, and AWS.
  + Algorithms to allow User logged in to “Like a Wish” in the wish list, but not allow same User to re-like the same “Wish”.
  + Allow the User/Creator of the “Wish” to Edit their “Wish” and Delete it as well.

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| **MERN Stack Project** | **[View-Site](http://54.89.125.100/) |  [GitHub](https://github.com/DjShahrzad/MERN-Deployment)** |

* ADD PET/ ANIMAL’S TO SHELTER ADOPTION RECORDS AND TO ADOPT EXISTING PETS/ ANIMALS
  + Data entry web site with 4 templates using “MVC” model, utilizing front- and back-end validation, and utilizing all CRUD commands, with MongoDB as the database.
  + Technology: HTML, CSS, Bootstrap, Javascript, MongoDB, mongoose Express, Node.js, React, and deployed via Git, Github, and AWS.
  + Algorithms to allow you to “like” a pet/animal from the Animal Shelter- when you refresh the screen, and also “adopt” it. Create or Add a new animal to the shelter, Edit animal information with back-end and front-end validations. When you “Adopt” the animal it deletes it from the database.
  + Create a “server” side and “client” side folder that communicate with one another to create templates that have back-end and front-end validations, and various algorithms to control the Create, Read, Update, and Delete functionality.

**Work History**

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| **SOFTWARE DEVELOPER AND IT TECHNICIAN** | 2006 - 2018 |
| Forensics Technology Center, Computer Technology Center | Rockville, MD |

* Administered, supported, and monitored databases by proactively resolving database issues and maintaining servers.
* Created Websites and maintained the software development.
* Tested functional compliance of company products, including [Product or service] and [Product or service].
* Trained and managed team and discussed issues in order to provide resolution and apply best practices.
* Kept financial track of Client purchase orders with QuickBooks, and database.

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| **Beauty Adviser (Part-Time)** | 2002 - 2019 |
| **(Chanel, Laura Mercier, MAC, YSL, Armani, and other Beauty Companies)** | Washington D.C. / (DMV) |

* Assessed each Client, to compare their needs with their wants, and find solutions to resolve their biggest concerns within their budget.
* Determine the best solution and give top level Customer Service to keep Clients consistently and happily returning back.
* Trained and managed teams, worked successfully within different teams, exceeded all numbers and goals while managing schedules for events and booking appointments.
* Following up with Clients and keeping consistent relationships that lasted throughout 16 years.

**Education**

**Artificial Intelligence: Business Strategies and Applications**

**University of California, Berkeley**

**Berkeley, CA**

2021

* Continuing education in Artificial Intelligence: Business Strategies and Applications.
* Class instruction on understanding the different levels and fields of Artificial Intelligence (AI) and implementing them into a business.
* Lessons and assignments on the utilization and implementation of machine learning within organizations.
* Assigned individual and group projects involving AI.
* Completed final Capstone Project for high-level implementation of both supervised and unsupervised machine learning AI within the Legal System.

**Coding Dojo - Coding Boot Camp**

**Arlington, VA**

2020

* Certification in full stack software development in Python / Django/ Flask/ mySQL; MERN - React, Node.js, , and C# / .NET/ Entity.
* Web Fundamentals: HTML, CSS, JAVASCRIPT
* Graduated in top 1% of class.

**Biology, Pre-Pharmacy / Minor in Psychology**

**University of Maryland (UMBC)**

**Baltimore, MD**

**MCSE (Microsoft Certified System Engineer)**