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| [ahmed.amein.rslan@gmail.com](mailto:ahmed.amein.rslan@gmail.com)  +(20) 01023231257 | **Ahmed Rslan** | [**GitHub**](http://github.com/djangodissilent)  [**LinkedIn**](https://www.linkedin.com/in/ahmed-rslan-6597a6211/)  [**UpWork**](https://www.upwork.com/freelancers/~01b73e9a0dd3b422d0) |

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| **Education** |

**Tanta University** B.Sin Computer Science & Engineering Sep 2019 - Jun 2024

***Leadership****: President of the Faculty Chess Club Major GPA: 92%*

**Udacity** Web Developer Nanodegree Jul 2022 - Oct 2022

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| **Professional Experience** |

**Software Engineer** Jul 2021 - Present

*UpWork - Freelancer Remote*

* Earned Top-Rated Plus status, top 1% freelancers worldwide for customer satisfaction.
* Designed and developed a full-stack solution to optimize a multi-million-dollar Google Ads Campaign. The solution leveraged CPA data to identify areas for improvement and achieved a cost-per-acquisition (CPA) reduction of 35% resulting in a significant cost saving for the client.
* Designed and developed an API using Python for transferring crypto market data from a data source to the client website and increased the data retrieval rate by more than 40% via caching.
* Built automated trading software using Python, Flask, AWS, Redis, Docker, and the Interactive Brokers API (IBKR API), reducing the order filing time by more than 200% using asynchronous programming.

**Backend Developer** Dec 2022 - Present

*InkSpot - Open-source Remote*

* Optimized InkSpot’s (open source Medium clone) backend using Django ORM, reducing query execution time by 20%.
* Managed agile methodologies (scrum, backlog grooming, etc.) and leveraged DRF, Celery, Docker and implemented comprehensive test automation with Pytest achieving 80% code coverage.

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| **Relevant Projects** |

**B R O K E R | Python3 | Django | ChartJs |** [**Github**](https://github.com/djangodissilent/Broker)

* Architected a responsive web app using Django, ChartJs, and JavaScript (ES6) that allows amateur investors to create a trading account, buy and sell stocks virtually and view their trading portfolio.
* Implemented API caching strategy, reducing IEX cloud API calls by 60%.

**RPC-Chat| Go| gRPC** [**Github**](https://github.com/djangodissilent/https://github.com/djangodissilent/RPC-Chat)

* Built a real-time chat app using Go and Remote Procedural Call (RPC) that supports 500+ users.
* Leveraging Go routines and channels for efficient concurrency, achieving 25% faster message delivery.

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| **Technical Skills** |

**Programming languages:** Experienced in Python and Go. Familiar with C/C++, Java, and JavaScript (ES6).

**Frameworks:** Django (with DRF), Fast API, Flask, SQLAlchemy. Familiar with Keras and Tensorflow.

**Cloud & Others:**  AWS Lightsail, EC2, Docker, DynamoDB, RDS, Linux, VsCode, GitHub

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| **Awards, Competitions and Extra-curriculars** |

* **ACM ACPC - Kickstart** (2021): Competitive programming contest achieved a place in the top 15%.
* **Banque Misr - Entrepreneurship** (2022): Selected for a three-month-long internship led by the second largest bank in Egypt, awarded Udacity Web Development Nanodegree scholarship.