Boula Akldyous

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| SOFTWARE ENGINEER |
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Full-stack Software Engineer with a passion for finding meaningful insights and solving technical problems to provide a practical solution that drives businesses forward. Independent self-starter with excellent communication skills able to thrive in team or individual settings. Detail-oriented and analytical in nature, contributing to a strong problem-solving mindset.

| TECHNICAL SKILLS |
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Python, Ruby, Javascript (ES6), HTML, CSS, React, Ruby on Rails, SQL Postgres, Version Control (GIT), AWS, Machine Learning, NLP, Tensorflow, Scikit-Learn, Pandas, Matplotlib, Seaborn, Plotly.

| TECHNICAL PROJECTS |
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**PetFinder** [**Github**](https://github.com/akladyous/pet-finder) [**website**](http://www.akladyous.us)

Built a full stack web application with Javascript/React and Rails/Active Record/Postgres, to enable users to handle enrollment and listing new posts.

* Authenticated users using BCrypt and maintained logged in status using sessions.
* Integrated email functionality in application using Rails/Action Mailer.
* Built a multi-step user registration interface using custom Hooks, Container Component - HOC.
* Developed interactive and responsive web pages using Bootstrap.

**Todos** [**Github**](https://github.com/akladyous/todos-app)

* React: Application Structures & Patterns
* React Router Dom: Dynamic & Nested Routes
* Sinatra: Active Record & Rest API & SQL Query

**Stock Market Sentiment Analysis** [**Github**](https://github.com/akladyous/stock-market-sentiment-analysis)

* NLP - Web scraping - Imbalanced classification - Tensorflow RNN, Word2Vec model
* Provide real time sentiment analysis tools on tracking financial articles from different sources
* Identification of trends in the stock prices of a company by performing fundamental analysis

| EXPERIENCE |
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**Backend Developer, Amadeus** |Milan, IT *02/2017 - 07/2019*

* Worked alongside other developers to improve the processing time of booking engine applications by designing RESTful APIs that served data to the front-end using Python and ExpressJS JavaScript.
* Incorporated API calls to several applications, and stored data efficiently in both SQL and Pandas backend.
* Implemented several automation processes to improve auto-ticketing processes using cryptic commands and JavaScript.

**Travel Agent, Turitalia SRL** | Sesto San Giovanni, IT *12/2007 - 12/2017*

* Ticketed with Nett & negotiated and published fares “ATPCO” fares with AMADEUS CRS
* Issued MCO’s, PTA according to IATA regulations airlines requests
* Updated Time Change while managing amadeus daily queues.
* Managed daily tasks via BSPLink working with both daily and urgent ticketing queues

**Real Estate Broker**, **Nuova Casa Ind.**, | Sesto San Giovanni, IT *06/2003 - 11/2007*

* Managed and updated listings of available properties for sale in Milan areas
* Managed contracts, negotiations and all aspects of sales to finalize purchases and exceed customer expectations.
* Guided sellers and buyers in marketing and purchasing property, increasing agency revenue by 20% in 2006-07

| EDUCATION |
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**Immersive Full Stack Software Engineering Bootcamp** | Flatiron School | New York, NY *02/2022*

**Immersive Data Science Bootcamp**| Flatiron School | New York, NY *06/2021*

**Associate Degree in Information Technology** | Advanced Industrial Technical College | Port Said, EG *06/1994*