

ABED MIR

Dallas, Texas · abedmir31@gmail.com

EDUCATION

University of Texas at Dallas
BS Computer Science *GPA: 3.69*

Richardson, TX
Aug 2017 - Dec 2020

WORK EXPERIENCE

Capital One
Principal Associate Software Engineer

Plano, TX
2021 - 2022

- Developed and pushed new features using Vue.js for the Empath Agent platform, reaching over 30 million customers.
- Experienced with platforms such as AWS, Jenkins pipelines, Splunk, JIRA, New Relic, and Docker
- Full ownership of two microservice containers, including platform maintenance, functional/integration tests, production releases and incident support.

Jack Henry and Associates
Software Engineer

Allen, TX
2020 - 2021

- Developed new features and automated tests for the Episys Quest core platform for data processing used by 40% of all credit unions nationwide.
- Implemented microservices using REST APIs and addressed potential improvements to the platform using CI/CD.
- Automated application testing using C# and CodedUI framework to reduce outstanding defects by 20%.

Animal Cloud Device Connectivity
Software Engineer (Senior Design Project)

Frisco, TX
Aug 2020 - Dec 2020

- Built a cloud-based architecture to connect and relay telehealth data from third party IoT devices.
- Deployed using AWS IoT, DynamoDB, EC2 virtual instance, CloudWatch, and S3 buckets.
- Led the security team and implemented a Pub/Sub application to transfer data using AWS endpoints with encryption.
- Tracked weekly sprints using JIRA and Kanban and followed Agile methodologies.

PROJECTS

Pterodactyl.io Instance *Nginx, Redis, MySQL, Docker*

Ptero.abedmir31.com

Built VPS-powered server management node using open-source loader Pterodactyl.io.

Spark Tweet Analyzer *Python, Spark, Elasticsearch, Kibana*

Github.com/AbedMir31/SparkTweetAnalyzer

Built a Spark-powered Python application that analyzes sentiments of live Twitter posts using machine learning. Data is indexed using Elasticsearch and visualized using Kibana.

Stock Market Prediction Bot *Python, Tensorflow*

Github.com/AbedMir31/StockMarketRNN

Recurrent Neural Network that can predict stock prices based on previous market data. Implements ML algorithms from scratch.

HONORS AND AWARDS

AWS Certified Solutions Architect – Associate

Amazon Web Services

Successfully passed the AWS Certified Solutions Architect – Associate exam.

Nov 2021

Eagle Scout

Boy Scouts of America

Achieved the highest rank of the Boy Scout.

May 2018

Collegium V Honors Program

University of Texas at Dallas

Dec 2020

SKILLS

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|----------------------|--|
| Languages: | Java, Python, C++, JavaScript, CSS, HTML |
| Frameworks: | Vue.js, Node.js, Spark, React |
| Tools and Platforms: | AWS, Git, Docker, JIRA, Jenkins, MongoDB, Splunk |