

MUHAMMED ADEEM SHAIK

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EDUCATION

Masters in Computer Science

📅 Aug 2021 - May 2023

University Of Illinois Chicago, Chicago, Illinois

- Courses - Foundations of Algorithms, Engineering Distributed Objects Using Cloud Computing, Networking

Post-Graduate Diploma in Data Science

📅 Jan 2020 - Jan 2021

International Institute of Information Technology Bangalore, Bengaluru, India

- Courses - Advanced Machine Learning, Advanced DBMS, Principles of Big Data

Bachelors in Computer Applications

📅 May 2016 - June 2019

Bangalore University, Bengaluru, India,

- Courses - OOPS using C++, Data Structures, Database Management Systems, Unix Programming, Operating Systems

SKILLS

Programming	Java, Python, JavaScript, SQL, HTML/CSS, PHP, Scala
Web Technologies	ReactJS, AngularJS, ExpressJS, NodeJS, HTML5, CSS, Bootstrap
Databases&Cloud	MySQL, Mongo DB, Redis, AWS (API Gateway, EMS, EKR, EC2), SAP
Tools&Frameworks:	GIT, .NET, Apache(Hadoop, Kafka, Spark), Docker, Kubernetes

PROFESSIONAL EXPERIENCE

Full Stack Developer(Analyst), Deloitte, Bengaluru, India

📅 August 2020 - July 2021

- Developed UI Angular components and modified the existing rest APIs in the Insurance Companies project. Simultaneously, handled Jenkins-related tasks like building, deploying, etc.
- Added and Enhanced features in the web application which were based on React JS and .NET in response to user feedback.
- Developed Python scripts to automate the process of parsing and sending the collected user data stored in MySQL, These automated scripts increased the time efficiency by 40 % .
- Got 3 Spot Awards for learning, adapting and performing well on the technologies.

ABAP Developer(Analyst), Deloitte, Bengaluru, India

📅 August 2019 - July 2020

- Developed SAP ABAP Basic Reports, ALV Reports, Adobe Forms and Enhancements and other Interfaces
- Solved multiple complex issues in SAP Sales Distribution by providing expertise on issues faced by users.
- Worked on the Kernel Patch Upgrade, Supported in DEV, Staging and Production Systems in the SAP environment.
- HANA Cloud database administration and Working on Backups, Monitoring daily health checks for production systems in the landscapes.
- Got SAP Beacon Award for the exceptional contribution to the project.

PROJECTS

Inventory Management System

MERN Stack

- Developed a custom inventory management application and Implemented features that allow university staff to add, view, update, and delete goods based on availability.

Log Generator: Map Reduce

Cloud Computing

- Logs are classified using distributed parallel processing in Hadoop Map Reduce based on time interval and frequency.
- Source code is deployed as JAR file onto AWS Elastic Map Reduce Cluster and Python lambda function is used to analyze log files.

Log File Monitoring and Alert System

Cloud Computing

- Developed an Cloud Architecture which uses a log file generator application deployed onto an AWS Elastic Kubernetes cluster to write logs into AWS ElastiCache Redis Database.
- AKKA which is an actor system continuously monitors Redis database and forwards error to Kafka Topic on AWS MKS Cluster.
- An AWS Elastic Map Reduce Spark cluster streams this logs from the Kafka topic and alerts the Stake holders.

Credit Card Fraud Detection

Data Science

- Performed Exploratory Data Analysis to check the Data imbalances on the Dataset which had more than 2 million Transactions
- Univariate and Bivariate Analysis was performed on the Dataset and insights were provided for the Frauds.