AbdulBaseer Mohammed  
Lawrence, Kansas KS  
(785)423-8596  
abdulbmohammed1@gmail.com  
Linkedin  
Github  
  
SOFTWARE ENGINEER  
  
PROFILE  
  
As a highly motivated and skilled software engineer with a strong passion for software development, I am currently pursuing a Master of Computer Science degree from the University of Kansas. With practical experience in leading software development projects from inception to completion, I possess a strong foundation in Data Structures, Algorithms, and object-oriented design methodologies utilizing programming languages such as Java, Python, C++, JavaScript, Node/React, and others. Additionally, I possess expertise in various databases such as MySQL, Oracle SQL, No-SQL, AWS RDS, DynamoDB, and MongoDB, as well as tools and technologies such as AWS Cloud, GIT, Github, Jupyter Notebook, Visual Studio Code, Docker, NPM, and SDLC CI/CD.  
  
EDUCATION  
  
Master of Science - Computer Science – University of Kansas, Lawrence, KS, (December 2023 - Ongoing)  
● GPA: 3.9/4.0  
● Selected Coursework: [Information Retrieval, Analysis of Algorithms, Distributed Applications, Machine Learning(ML)]  
  
Bachelor of Engineering – Computer Science – Osmania University, Hyderabad, India, (May 2021)  
● GPA: 7.0/10.0  
● Selected Coursework: [Data Structures, object-oriented programming (OOP), Software Engineering, Web Programming, DBMS]  
  
Programming Languages: Python, C++, Java, Node.js, Express, React.js, JavaScript, HTML, CSS, Flask, Pytorch.  
  
Database: MySQL-relational database-Rdbms, Oracle SQL, AWS RDS, MongoDB-NOSQL, AWS DynamoDB, PL/SQL.  
  
Tools and Technologies: AWS Cloud, GIT, Github, Jupyter Notebook, Tableau, Docker, NPM, Postman, SDLC CI/CD.  
  
PROFESSIONAL EXPERIENCE  
  
Software Developer, University of Kansas, Lawrence, KS (January 2023 – Present)  
● Architect and implement full-stack web features in JavaScript MERN Stack (MySQL) following Agile methodology.  
● Designing Relations in MySQL Database (RDBMS) and migrating existing databases to AWS RDS.  
● Implement AWS Lambda functions to connect, store and map data in S3 from MySQL RDS.  
● Build well-designed, reusable UI components using React.js, HTML, CSS.  
● Re-engineering and optimizing backend using Node.js, Express.js to build RESTful API.  
  
Teaching Assistant, University of Kansas, Lawrence, KS (August 2022 – December 2022)  
● Leverage in-depth proficiency in JavaScript to assist with EECS 368 (Programming Paradigms) while providing practical insight into innumerable aspects of modern programming languages that led to 70% better outcomes.  
● Perform all aspects of instructor duties, including explaining programming assignments, reviewing Code, and conducting help sessions with 100% accuracy.  
  
Data Analyst - Intern, Enshrine Global System, Hyderabad, India (January 2020 – April 2020)  
● Extracted, pre-processed, and analyzed 10Gb data using SQL, Tableau and python with the aim of formulating and building detailed reports while enabling senior leadership with decision-making.  
● Built 4 machine learning models by operating Sklearn(python) and pytorch to predict the value of quantity based on new data items.  
  
Coding Instructor - Intern, CampK12, Hyderabad, India (May 2020 – October 2020)  
● Simplified fundamentals of programming to offer an easy mental framework for dealing with all programming languages while explaining with real-life examples.  
● Improved efficiency by 100% by rendering support to around 60 students with problem-solving in Python and JavaScript React.  
  
PROJECTS  
  
Full Stack Job Portal, Lawrence, KS November 2022  
● Used modern programming languages node.js, express, and MongoDB as a database to create REST API(api) for job listings.  
● Advanced front-end by using 3 of known programming languages such as Html, CSS, and React.  
● Implemented manual JWT authentication and social login by utilizing GCP Auth.  
  
Search Engine, University of Kansas, Lawrence, KS May 2022  
● Designed and created a search engine from scratch to easily carry out web searches by writing ranking algorithms in Python.  
● Compiled and deployed search engine on web using flask, for backend and used React js for search UI.  
  
Lowest Cab Fare Pricing Model, Osmania University, Hyderabad, India May 2021  
● Scaled data for model development by using feature engineering techniques and 5 python libraries including Numpy and Pandas.  
● Brainstormed, formulated, and validated different model development ideas, and developed software using pickle and flask.  
  
SKILLS  
  
● Strong proficiency in programming languages such as Python, C++, Java, Node.js, Express, React.js, JavaScript, HTML, CSS, Flask, Pytorch.  
● Expertise in various databases such as MySQL, Oracle SQL, No-SQL, AWS RDS, DynamoDB, and MongoDB.  
● Proficient in tools and technologies such as AWS Cloud, GIT, Github, Jupyter Notebook, Visual Studio Code, Docker, NPM, and SDLC CI/CD.  
● Familiarity with Agile methodology, SDLC, and CI/CD.  
● Strong problem-solving skills and ability to resolve complex issues.   
  
As per the job description, I possess an exceptional skill set and practical expertise in various programming languages, databases, tools, and technologies that are desirable for the Software Engineer position at Microsoft Leap. I am confident in my ability to leverage my skills and contribute to your organization's success.