ARSHAD GHOUSE
SDE @ PROWESYS, INC

✉ arshadvasg@outlook.com

📞 531-225-9476

📍 Garland, TX 75044

SKILLS

- Databases: Oracle, SQL Server, MongoDB
- Java, PHP, Ruby on Rails, C++, C#, Python, Django, Flask
- Version Management: Git, GitHub, BitBucket
- Front-end: HTML, XML, CSS, JavaScript, AJAX, React.js, Vue.js, Express.js, jQuery
- CI/CD - Jenkins
- Spring Boot, SOAP/REST, MVC, Hive
- JUnit5, Lambda and Cucumber Testing
- Container management (Kubernetes)
- Amazon EC2, S3, VPC, EMR, SWF

EDUCATION

Bradley University
Peoria, IL • 05/2023

Master of Science: Computer Science
- 3.5/4 GPA

Osmania University
Hyderabad, India • 08/2020

Bachelor of Science: BE Engineering
- 8.6/10 GPA

PROFESSIONAL SUMMARY

Forward-thinking Software Developer bringing almost two years of expertise in developing both front-end and backend applications with continuous integration and delivery for IT sector businesses. Solid background in programming languages, agile systems, data structures and alogorithms. Prominent in team management with handling multiple projects ensuring deadlines with achieving high accuracy.

WORK HISTORY

Prowesys, Inc- Software Engineer
Richardson, TX • 08/2023 - Current
- Led the migration of Hive and Presto jobs from Qubole to AWS EMR, enhancing availability and reducing operational costs.
- Reduced the cost involved in running custom reports service by more than 80% by devising an automated system that identified and disabled reports with no usage or empty data.
- Worked on migrating some of the existing Amazon SWF workflows to Argo
- Led a cost-saving initiative by identifying unused AWS resources and establishing S3 bucket expiration policies, leading to an annual cost reduction exceeding $50,000 in AWS expenditures.

Pioneer Consulting LLC - Software Developer
West Des Moines, IA • 01/2023 - 07/2023
- Improved Role-Based access control turnaround time and security by developing a module using Python-Flask framework to automate access control over the Payroll system used by 400 employees.
- Integrated and validated the access control automation module using Python Mocks and Unit tests into a CI/CD Pipeline and improved test isolation by 15% and Unix OS for automating tasks.
- Improved block allocation service by reducing memory utilization by 86% by analyzing heap snapshots of the service
- Developed and maintained data pipelines in Apache Airflow using Python to extract metadata from data sources such as AWS Redshift, PostgreSQL and shift into Neo4j database.

PROJECTS
Flight Route Finder, Courses: *Advanced Programming | Algorithms*
- Used C++ prog and implemented algorithms including Dijkstra's Algorithm, maps, vectors and queue to find shortest route to process flight routes.

Expense Tracker - Courses: *Database Management Systems | Advanced Software Engineering - MERN Stack*
- Devised MVC-architecure where model handles the expense and income logic, view handles the interface created on React and Controller for user interactions

Student Record Web App - Courses: *Agile Software Department | Database Management Systems*
- Developed a student web app leveraging Microsoft Expression Web 4 for frontend design, PHPMyAdmin for database management, and FTP for seamless deployment on Playground server

Chatbot AI - Courses: *Software Project Management | Advanced Software Engineering | Data Science*
- Developed AI chatbot utilizing NLP techniques for natural conversation understanding, data preprocessing, model training, and integration with chat interfaces, ensuring seamless user interaction and continuous improvement

Book Recommender System - Courses: *Data Science | Advanced Software Engineering*
- Developed a Book Recommender System using Python, OpenCV, employing web scraping techniques to gather book data and implementing collaborative filtering for personalized recommendations, enhancing user experience and engagement.