Priya Nagarkar . Jarvis Consulting

I am a graduate from George Brown College. I have four years of technical working experience. I worked as an Junior Engineer, major job responsibilites include PLC-SCADA programming. I am working as an Data Engineer at Jarvis. I have familiarized myself with the core concepts of the subject and have gained valuable practice in using software that is prevalent in the industry. Furthermore, soft skills like interpersonal communication and diverse collaboration have been proven through various professional development experiences. I am seeking to utilize the practical and analytical knowledge developed in personal projects and academia to leverage a challenging career path in the field of data engineering I am a team-oriented person, and problem solver. I enjoy coding challenges and learning algorithms and data structures. Currently, I am looking for a great team to provide my skills and learn new tech skills.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git/Gitflow

Competent: JavaScript, Docker, Matlab, PLC/Scada, Algorithm and Data structure

Familiar: Python, C, Assembly, Google Cloud Platform, Computer Networking

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_Priya

Cluster Monitor [GitHub]: Implemented a Linux cluster monitoring agent that records the hardware specification of each host machine and monitors their memory usage in real-time. The project was primarily developed using bash scripts that are integrated with the PostgreSQL database. Using Docker for containerization, the end product is light-weight, versatile, and easy to use.

Core Java Apps [GitHub]: Grep App -Utilizes the Stream API and Lambda expressions to replicate the grep command used in bash within Java. JDBC App - Initiated the use of JDBC and design patterns such as DAOs. Twitter App - Works with the Twitter API to allow simple CRUD operations. The project follows the MVC architecture and is tested with JUnit and Mockito

Springboot App [GitHub]: Pending

Python Data Analytics [GitHub]: Pending

Hadoop [GitHub]: Pending

Spark [GitHub]: Pending

Cloud/DevOps [GitHub]: Pending

Highlighted Projects

ITIL: Designed setup for International students helping them to find basic necessities options at one place. Established 5 lifecycle stages and guidelines for successful implementation.

IPSEC : Blocked attack from one virtual machine to another using Kali.

Azure: Designed web application using Ansible and installed SIEM server to monitor same.

Cisco packet Tracer: Network design and implementation of college. Network allocation to different cluster

Python: This project will help user find a solution to any solvable Sudoku puzzle using backtracking algorithm.

Visual basic: Designed library management system, to track book records including books given, books received, deadline to receive and fine charged for late submission.

Microcontroller: Designed a system which studies and sense soil moisture. According to the reading it will turn water sprinkler on and off.

Matlab: Developed a program in matlab using image capturing technology, to monitor and capture traffic signs. It detects and recognizes traffic signs well in advance and provide output to driver. I used Support Vector Machine and Histogram of Oriented Gradients in this project.

Professional Experiences

Software Developer, Jarvis Consulting Group ((2021-Present)): Utilizing Java as the primary development language, the experience has allowed me to delve into Java fundamentals and it's core applications. - Multiple projects introduced concepts that assimilated Java with SQL and Bash, granting in-depth knowledge of software integration and testing - Each project introduced critical development concepts like Git/GitFlow and Agile/Scrum.

Electronics Engineer, N.D Enterprise (Jan 18 - Dec 19): Development of PLC logic program -Designing SCADA based application screens -Explanation of project and services to client -Oversee production efforts to guarantee that projects are completed in a timely manner.

Technical Support Engineer, N.D Enterprise (Aug 15 - Dec 17): Provided Desktop support related to hardware, software (deployed and updated software) - Performed troubleshooting to system failures and identify the bottleneck of the problem. - Provided Tier 1 technical support to users and respond to trouble tickets. - Solved basic troubleshooting problems including password reset, Backup and other issues. -Understood the fundamentals of networking, including the OSI model, network segmentation best practices, routing, and common protocols and concepts.

Education

George Brown College, Toronto ON ((Jan 2020 - Dec 2020)), Wireless Networking (Ontario Graduate Certificate), Electrical and Computer Engineering - CGPA - 3.4/4

Gujarat Technological University ((July 2013 - June 2015)), Masters in Electronics & Communication Engineering, Electrical and Computer Engineering - CGPA - 8.5/10

Gujarat Technological University ((June 2009 - June 2013)), Bachelors in Electronics and Communication Engineering, Electrical and Computer Engineering - CGPA - 7.5/10

Miscellaneous

- – Published a paper in IEEE transactions on intelligent transportation systems, ?Road sign Detection and recognition based on support vector machines - Published a paper in STM journals, An algorithm for road sign detection and recognition using HOG and SVM

- – Attended workshop for design engineering and achieved the certificate from Gujarat Technological University - Attended workshop for energy conservation awareness and achieved certificate from Gujarat Energy Development Agency