**Pragathi Gajjala**

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 https://github.com/pragathigajjala

* Proficient in software development with Python and Java programming languages.
* Proficient in automating business tasks and optimizing processes through Python scripting.
* Foundational knowledge and hands-on experience in Azure Data Engineering, specifically in creating pipelines using Azure Data Factory for Cloud-ETL solutions.
* Basic understanding of Azure services and initial exposure to U-SQL job creation and execution using Data Lake Analytics service for ETL processes.
* Proficient in Embedded C Programming for Microcontrollers.
* Solid expertise in all aspects of product development, **covering electronics, electrical engineering, and embedded system design.**
* Effectively managed the Technical Team on the Production Floor specializing in electrical and electronics product manufacturing.

**Key Skills:**

* Programming Languages: Python, Java
* Cloud Computing Platforms: Microsoft Azure -Azure Fundamentals, Azure Data Factory, Azure Data Lake Analytics
* DevOps Tools and Methodologies: GIT, Maven, Docker, Kubernetes, Jenkins CI/CD

**Experience:**

* **Automation Engineer**

*Mphasis, Redmond/Aug2021-Present*

* Identified opportunities for automating business tasks to ensure errorless data transfer, significantly saving time and enhancing overall efficiency.
* Developed custom Python scripts to automate seamless data flow between spreadsheets, integrating with field service management and Database systems, streamlining data transfer processes, enhancing accuracy and reducing manual workload through automated solutions.
* **Azure Data Engineer - Intern**

*Mindtree, Redmond/April 2020-June 2020*

* Created pipelines for ETL (Extract, Transform, Load) processes, integrating data from diverse sources using Azure Data Factory.
* Created and executed U-SQL jobs for ETL processes in Azure Data Analytics service, ensuring efficient data processing and integration.
* **DevOps Engineer - Contract**

*Quadrant Resource, Redmond/Aug 2019-Jan 2020*

* Managed build and release cycle of applications hosted on Azure cloud.
* Hands-on experience in C# programming, contributing to the development of chatbot application.
* **Technical Officer**

Electronics Corporation of India Limited, India /June 2006 – Jan2015

* Design and Development of electrical and embedded systems, specializing in digital notch indicators tailored for locomotives and power supply modules.
* Developed software for systems using the C programming language.
* Led the complete product lifecycle, from initial design concepts to prototyping and final manufacturing.
* Oversaw operations and facilitated seamless collaboration with cross-functional teams, ensuring the timely delivery of products, adherence to quality standards and meeting customer expectations.
* Education:
* Master of Engineering in Digital Systems from Osmania University, India.
* Bachelor of Technology in Electronics and Communication Engineering, India.
* **Bootcamp and Trainings Attended:**
* **Full-Stack Java Developer Training**

*Sollers College, NJ/Nov 2020-Jan2021*

* Project: Implemented Restful API calls for an E-commerce shopping cart using the Spring Boot framework
* Participated in a workshop focused on microservices architecture concepts and deployment models. Acquired knowledge about the principles and best practices of microservices, exploring various deployment strategies for scalable and modular software applications.
* **Software Development Bootcamp**  
  [*KAL A*](https://www.kalacademy.org/)*cademy, Redmond WA/ Feb 2019- May 2019*
* Programming Fundamentals: Enhanced expertise in Object-Oriented Programming (OOP) principles and proficient in C# .NET development.
* Software Architecture: Familiarized with Microservices architecture concepts.
* **AWS DevOps Training**  
  [*LaSai Technologies*](http://www.lasaitech.com/)*, Redmond WA/Feb 2019- Jun 2019*
* Extensive hands-on experience with DevOps processes, primarily utilizing AWS EC2 instances for developing automated CI/CD pipeline jobs in Jenkins, enabling seamless CI/CD operations for streamlined software delivery.
* Skilled in building, deploying, and managing Docker containers for efficient application deployment and scalability.