Shaik Mohamadh Suleman Ali

Email: [skmdsali200@gmail.com](mailto:skmdsali200@gmail.com)

Mobile: +1-603-943-2664

**Objective:** Seeking for Doctor of Philosophy (PhD) in Robotics (Pursuing) admission in USA.

**Education Details:**

| **Degree** | **Institution** | **Location** | **Year(s)** | **CGPA/Percentage** |
| --- | --- | --- | --- | --- |
| Master of Science (M.S.) in Computer Science | Rivier University | New Hampshire | 2022 - 2024 | GPA: 3.54/4.0 |
| Bachelor of Engineering (B.E.) in Electronics and Communication | Vignan's Foundation for Science, Technology, and Research | Guntur, Andhra Pradesh | 2020 | CGPA: 7.67/10 |

**TECHNICAL SKILLS**

**Programming Languages:** Python, C, C#.Net, JavaScript Web  
**Databases:** SQL, MongoDB, PLSQL, Big Data  
**Technologies:** Big Data Tools: Splunk, Sonarqube, ADO, Octopus Deployment, Confluence, IBM DataStage, Control-M, GIT, HTML, CSS, ReactJS, DotNet APIs  
**Networking:** CCNA Certified, Pfsense Firewall

**RESEARCH INTERESTS**

* Robotics and Automation
* Medical Robotics (for healthcare applications)
* Agricultural Robotics (Weed and Crop Differentiation)
* AI/ML in Robotics
* Control Systems in Multi-Robot Collaboration

**PROFESSIONAL EXPERIENCE**   
**RHO, October 2024 - Present   
Role: Statistical Programmer 2**

* Handle and process clinical data for clinical trial analysis.
* Develop SAS programs for data transformation, validation, and reporting.
* Ensure data accuracy and compliance with regulatory standards.

**SMA Tech LLC, December 2023 - May 2024   
Role: ETL Developer Intern**

* Developed and maintained ETL pipelines for data extraction, transformation, and loading.
* Worked with SQL and Python to transform raw data into meaningful insights.
* Collaborated with cross-functional teams to optimize data pipelines.

**UST Global, May 2021 - December 2023   
Role: Associate Software Developer**

* Worked on deployment automation using tools like ADO, Octopus, and Splunk.
* Supported DevOps operations and deployment for large-scale applications.
* Worked in a team environment with real-time problem-solving.

**UST Global, October 2021 - December 2023   
Role: DevOps Support Engineer**

* Provided support for Confluence, ADO, and Octopus Deployment.
* Ensured smooth deployments and release management for enterprise applications.
* Monitored application performance using Splunk and resolved critical production issues.

**PROJECTS**

1. **Vehicle Accident Detection Using GSM and GPS Module**
   * Designed and developed a system to detect and report accident locations to nearby police stations and hospitals.
   * Implemented GPS tracking for accurate location identification.
2. **Music Application (Full Stack)**
   * Developed a music application using DotNet APIs for the backend and ReactJS for the frontend.
   * Used SQL and MongoDB for database management.
3. **Agricultural Robotics (Startup Idea)**
   * Conceptualized a robot to identify weeds and unwanted plants growing alongside crops.
   * Planning to use AI/ML models for plant recognition and autonomous control.

**CERTIFICATIONS**

* CCNA - Cisco Certified Network Associate
* Pfsense Firewall Networking

**ACHIEVEMENTS**

* National-level athlete during B.E. in Vignan's Foundation for Science, Technology, and Research.

PERSONAL DETAILS

Date of Birth: May 19, 1997 Gender: Male Current Location: Nashua, New Hampshire

**ADDITIONAL INFORMATION**

* Strong motivation to transition into Robotics Research, particularly in AI-driven agricultural robots.
* Actively seeking PhD positions in Robotics to develop practical and scalable solutions for agriculture.