

SOWMYA DONTTHIREDDY

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EDUCATION

Master of Science in IT Project Management Stockholm University, Stockholm, Sweden.	Aug 2024
Master of Science in Business Analyst of Information Technology Montreal college of Information Technology, Montreal, Canada.	Mar 2020 - Mar 2021
Master of Science in Networking and Technical Support Montreal college of Information Technology, Montreal, Canada.	Mar 2019 – Feb 2020
Bachelor of Technology in Electronics and Communication Engineering KLU (Koneru Lakshmaiah Education Foundation), Vijayawada, India.	Jul2014 - May 2018

WORK EXPERIENCE

Potentialpark AB Sales Support Assistant, Stockholm <ul style="list-style-type: none">• Optimized Sales Operations• Strategic Coordination• CRM Proficiency• Proactive Problem-Solving	Mar 2024 - Sep 2024
SSENSE Fashion Company, Canada Assistant Associate <ul style="list-style-type: none">• Inventory Management• IT Operations Support• Operational Efficiency Improvement	Nov 2021 – May 2022

TECHNICAL SKILLS

Programming	C language, Selenium, MATLAB, Python
Simulations	Simulink
Software	Cisco, SQL, Tableau,
General	Upsales (CRM), MS office, Jira, Monday.com, AWS

RELEVANT COURSES

• Power BI	• Cisco Networking Devices	• VLSI design
• Network Security	• Control systems, Microprocessors and Microcontrollers	• Business analysis
• Project Management	• Cloud computing	• Signal Processing

PUBLICATION

ECG signal acquisition and analysis for portable heart monitoring devices

Publication: Journal of Advanced Research in Dynamical and Control

Systems

- Evaluated and proposed a new portable heart monitoring device with smart algorithm for ECG readings.
- Addressed and eliminated challenges associated with traditional heart monitoring devices, providing significant benefits for both patients and cardiologists in the diagnostic process.

PROJECTS

Business Analyst of Information

TechnologyVRF Solutions 5G Project

- Successfully deployed a new telecom network service in the Canadian Telecom Industry by upgrading existing devices with new hardware, software components, and security devices.
- Utilized data flow charts and work breakdown structures to effectively plan and achieve project goals, optimizing the use of human, capital, and material resources.

Networking and Technical Support

A Network Server for an Event Management Office

- Developed a secure, cost-effective network for an event management organization, enhancing communication capabilities.
- Implemented sub-netting, VLAN switching, and Inter-VLAN routing to manage host traffic, reduce network collisions and congestion, and included web and mail servers for comprehensive network functionality.

Electronics and Communication Engineering

ECG signal acquisition and analysis for portable heart monitoring devices

- Proposed a portable heart monitoring device equipped with a smart algorithm and highly sensitive sensors to accurately monitor heart function.
- Gathered, processed, and analyzed data using a proposed algorithm with a Low-Pass filter in MATLAB.
- Compared processed data to threshold values to identify abnormalities, utilizing MATLAB tools and techniques for precise analysis.

ADDITIONAL INFORMATION

- **Languages:** English, Swedish (completed C level at SFI)
- **Interests:** Reading Fiction books and travelling
- **Others:** Driving license and programming
- **LinkedIn:** <https://www.linkedin.com/in/sowmya-donthireddy-720782117/>

REFERENCE

- **Antonieta Fitch** - Head of Customer Success, Potentialpark AB.
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- **Ingela Burgess** - SFI Larare, SFI.
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