Sumit kumar Sahoo

Work permit: Finnish | **Nationality:** Indian | **Gender:** Male | **Phone number:**

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https://www.linkedin.com/in/sumitsahoo1989/ | **Address:** Finland (Home)

ABOUT ME

A motivated and technically skilled Master's student in Smart Energy with a major in Robotics at the University of Vaasa, combining strong academic foundations with hands-on project experience in machine vision, machine learning, Robotics and automation.

I am currently transitioning from a IT infrastructure role into robotics, AI, and machine learning. Leveraging my technical and project management background to excel in intelligent system development and automation.

I am passionate about sustainable technologies, smart city innovations, and the integration of intelligent systems and I am now seeking opportunities to contribute to forward-thinking organizations that value innovation and impact.

I have excellent work experiences in IT cloud infrastructure management, Project management and IT system administration and support.

I have long term valid work permit and open to relocate.

EDUCATION AND TRAINING

23/08/2024 – CURRENT Finland
MASTER IN ROBOTICS Vaasa University

Completed Academic Hands-on Projects in Master Program
01/09/2024 – 21/05/2025
1. 911 call data analysis and IT incidents live dashboard in PowerBilt with maintain SQL Database- Data analysis in Python
2. Production simulation of assembly line for food products using Visual component. - Simulation in Visual component
3. Performance Analysis of a GNSS software-defined Receiver in Matlab
4. Machine learning model for Jammer detection in GNSS signal using Norway jammer dataset collected by Petri and team. - Machine learning model using Python
5. Machine learning model to detect Animal sound recognition using Signal processing and CNN using python. - Machine learning model using Python
6. Image processing and creating 3d model as part of computer vision project.
7. Real time GPS data recording and filtering using KALMAN filter in Matlab as part of navigation technology for automated vehicle system .
8. Robot simulation project using ABB robot studio as part of introdution to robotics project.
9. Embedded C programming on raspberry pi 5
10. ROS hands on Programming

Website https://www.uwasa.fi/en

01/07/2006 – 01/07/2010 Rourkela, India
BACHELOR IN INFORMATION AND TECHNOLOGY Biju patnaik university of technology

Website https://www.bput.ac.in/

SKILLS

PYTHON | embedded c programming | C programming | Applied Machine Learning | Computer vision | YOLO | OPenCV | SQL | PowerBI | AWS | AZURE | CNN | Machine Vision | Scikit-learn | TensorFlow | PyTorch | GNSS | MATLAB | Intelligent Robotics | Linux (Terminal Commands, Bash/Shell) | RobotStudio Suite| ABB Robotics | ROS | Production Simulation | visual component | Project Management | Amazon Connect | GIT | Docker | Network Maintenance and Troubleshooting | Active Directory Administrative Tools | Teraform | Microsoft Azure (Azure Datafactory, Azure DevOps, Azure Storage Explorer) | Windows Server (2003 up to 2022 - AD, DHCP, DNS, Print, Backup, etc.) | linux Administartion | windows server adminstration | Problem Solving Skills. ... | Leadership, Decision making, Critical thinking, Relationship building | perform project management

WORK EXPERIENCE

🏢 **INFOSYS OY**

IT OPERATION SPECILAIST – 11/01/2011 – 10/11/2023

IT Cloud infrastructure administration(Azure, AWS)
Solution architect for Amazon Connect Service
Automation with Python, Power shell, Bash
Windows, Linux System administration
IT SIAM Services
IT support, IT service Desk Management
Data Analysis and visualization with Microsoft Power BI, ServiceNow
IT Project Management
Excellent experiences working IT projects in Banking, Retail, Manufacturing, Logistic and Textile Domain.
I have worked in multiple projects in Bangalore, Sweden, Finland.

Certification:
ITIL V4 Certified from People-Cert
Microsoft Certified: Azure Administrator Associate
Microsoft Certified: Identity and Access Administrator Associate
Microsoft Certified: Azure Fundamentals

LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FINNISH	A2	A2	A2	A2	A2
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user