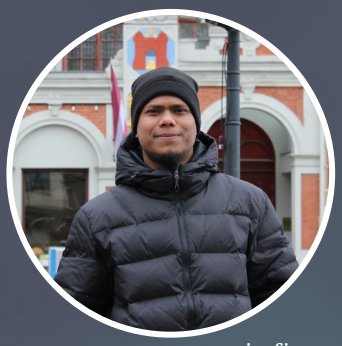

www.pramanic.fi
www.finnma.fi

# MD SAJIB PRAMANIC

Kuopio, Finland

## CORE STRENGTHS

-Excellent teamwork
-Customer service
-Technical proficiency
-Problem-solving skills
-Quick Adaptability
-Creativity

## EDUCATION & LANGUAGE

Bachelor of Engineering | Savonia University of Applied Science

- Information Technology, Internet of Things(IoT) 2022-2025

English: Fluent
Finnish: Basics (Continue)
German: A1

## TECHNICAL SKILLS

Language: C, C#, and Python. [HTML, CSS, JS]
Developer Tools: Visual Studio, Brackets, Android Studio, Code blocks, Arduino IDE, RobotStudio, ROS, Gazebo, RViz, MATLAB.

Other Relevant Tools: AutoCAD, Fusion 360 , Microsoft Office Adobe Photoshop.

## CERTIFICATIONS

MATLAB
AutoCAD 2D & 3D
Volunteer
Hygieniapassi
Driving license A, B (Have own car)

## RELEVANT LINK

## MY STORY

Olen omistautunut oppimaan ja kasvamaan. Tärkein intohimoni kohde on pysyä mukana teknologian uusimman kehityksen mukana, ja olen innokas oppimaan uutta. Rakastan luistelua, ja jäällä olen oppinut eniten suomalaisista.

## WHAT HAVE I DONE

**IoT Trainee**
Holobiont Oy
01/06/2023 - 31/08/2023

- Experienced in Mobile Application Development with a focus on creating, testing, and deploying applications for IoT data collection. Skilled in Cloud Structure Implementation, contributing to the design and implementation of secure and scalable solutions for data storage and analytics from IoT devices. Proven ability in Team Collaboration, actively participating in coding, debugging, and successful project execution within

## INTERNSHIP

**Smart Factory cloud data analysis and implement Augmented Reality(AR)**
Savonia University of Applied Sciences
09/01/2023 - 30/03/2023

- This internship has presented the implementation and analysis of a cloud-based data analysis system in a Smart Factory environment, along with the development of an Augmented Reality (AR) system tailored for the Savonia University of Applied Sciences Smart Factory. The primary objective of this project was to leverage advanced technologies to enhance the factory's capabilities in terms of visualization, monitoring, and decisionmaking. Link

**Mindsphere Waterprocess Cloud Data-analysis & Develop Digital Twin**
Savonia University of Applied Sciences
VLEFACT LTTA in Gaggenau, Germany
09/01/2023 - 30/03/2023

- I contributed to the development of data analysis solutions for water level processes and smart factories using the Mindsphere platform. I collaborated with data engineers, automation engineers, and other stakeholders to design, develop, and test data models and algorithms. I have developed the digital Twin with an EXCEL simulator and MATLAB simulator. Additionally, I conducted an analysis of large datasets, identified trends, and patterns, and effectively communicated insights to stakeholders using various data visualization tools and techniques. Lastly, I presented the project in Germany. Link

## PROJECTS

**Self-Balancing Table - STABLE**
Savonia University of Applied Sciences
01/09/2023 - 27/11/2023

Our solution addresses these challenges by introducing a self-balancing table that can adapt to any uneven surface. The table automatically stabilizes itself, ensuring a level surface regardless of the field's irregularities. When transporting the table from one location to another, built-in sensors detect changes in the surface and adjust the height of the table legs accordingly, maintaining stability. Link

**Founder-Finnish Language Club**
Savonia University of Applied Sciences
07/02/2023 - current

- It's a non-profitable Finnish language learning platform.
- Students are learning Finnish through Fun, Games,s and quizzes.
- Our target is that make the Finnish Language easy and develop the Finnish language skill which is very necessary to survive in Finland.

**Robot station to disassemble Smart factory products**
Savonia University of Applied Sciences
09/01/2023 - 24/05/2023

- This project aims to develop an efficient and accurate robotic system for disassembling Smart Factory products, utilizing an ABB robot for its precision and advanced control. The project is a response to the growing need for sustainable manufacturing and waste reduction. The project will be conducted in phases, starting with system design and simulation, followed by implementation and testing in RobotStudio. The system's performance will then be evaluated to identify areas for improvement.

Link, Demonstration Video Link

**Big data and Artificial Intelligence in IoT**
Savonia University of Applied Sciences
01/09/2022 - 16/12/2022

- This project offered hands-on experience in collecting, processing, and analyzing big data in IoT, with a focus on AI techniques and algorithms. I have developed my skill in data visualization and dashboard development and gained insights into the challenges and opportunities of implementing AI in IoT, including privacy and security concerns. Link

## OTHER EXPERIENCE

Volunteer ||Sandhani Blood Bank|| - 2016