

# Razib Hasan

Ruskontie 6 C, Tampere | +354076927358 | Portfolio | GitHub | Tableau | LinkedIn | razib.hasan2@outlook.com

## SOFTWARE ENGINEER

Passionate and results-driven software developer eager to take on a dynamic role in a challenging environment. I am particularly drawn to opportunities in software automation, embedded systems/IoT, cloud computing, and data-driven machine learning projects. With a solid foundation in C++, Python, and Java, I am excited to leverage my skills to contribute to innovative solutions in these domains.

## TECHNICAL SKILLS

### Programing Languages

- C++
- Python
- JavaScript
- Java

### Embedded System

- Microcontroller, RaspberryPi, Arduino, ESP
- 12C, SPI, UART, MQTT, SLM, ISR
- Lidar, ROS, Op Amp, Sensors

### Frameworks & Libraries

- QT (C++)
- Flask, TensorFlow, Pandas, NumPy, Scikit-learn (Python), Decision Tree, Linear & Logistic Reg, CNN, ANN
- ReactJs, Express.Js, NodeJs (JavaScript)
- Sprint Boot (Java), Maven
- RobotFramework, Selenium, Cucumber, JUnit, PyTest

### Cloud & DevOps

- Docker
  - AWS, Azure
  - Git, CI/CD, Bash Scripting, API
  - Linux, MacOS, Windows
  - Virtual Box
- ### Data Analysis
- Matplotlib, Tableau
  - MongoDB, MySQL, Tableau, PostgreSQL
  - S2 (AWS)
  - Big Data, Data cleaning

### Mobile Development

- Cross-platform tools: React Native, Flutter
- iOS- Swift
- Android- Java
- REST API

### Project Management

- Jira
- Confluence
- Trello
- Agile
- Team work
- Notion

## PROFESSIONAL EXPERIENCE

### Tampere University of Applied Sciences

#### Project Manager

Jan 2024 - May 2024

Led a team as Project Manager for a school project. Objective of the project is to build an integrated networking system for 3D printers. Used technologies in this project such as RaspberryPi, Flask, IDM, Data management (SQL), AutoSSH, SSH tunnel, Cloud hosting and Automation.

### Kajaani University of Applied Sciences

#### Market Research Assistant

Jun 2019 - Dec 2019

I supported project planning and execution at KAMK, driving educational expansion into international markets. My key contributions included data analysis, financial planning, fostering strategic collaborations, maintaining customer relationships, and delivering impactful marketing strategies, pricing models, and sales pitches.

### Kajaani University of Applied Sciences

#### Market Research Assistant Analyst Intern

Jun 2019 - Dec 2019

I conducted international market research and collected relevant data to support strategic decision-making processes. My role involved contributing to project planning, evaluating risk factors, and performing data analysis to generate actionable insights. Additionally, I assisted in preparing documentation and delivered frequent presentations to stakeholders, ensuring clear communication of findings and recommendations.

## EDUCATION

### University of Helsinki

#### Master's Programme in Computer Sciences

Majors: Software & ML

2025-2027

### Tampere University of Applied Sciences

#### Bachelor of Engineering

Majors: Software Engineering

2021-2025

## PROJECTS

Food Delivery System Automated Drone Delivery

## ACHIEVEMENTS

**AWS Hackathon, 2022** Position: 1st (Champion)

**Microsoft Hackathon, 2022** Position: 1st (Implement)

## REFERENCE

### Esa Kunnari

Head of Degree Program, SE  
Tampere University of Applied Sciences

**Phone:** +35840637451

**E-mail:** esa.kunnari@tuni.fi