

# Razvan Paraschiva

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## SUMMARY

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Motivated ML/AI enthusiast with strong interests in robotics and space technologies. Skilled in programming, problem-solving, and building systems from the ground up. Adept at applying machine learning to innovative solutions, with a focus on advancing autonomous systems and data-driven exploration in the space industry.

## EXPERTISE

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- Hard Skills: Python, Algorithms, SQL, Git-Hub, Data Structures, IoT, Hardware Skills, OOP
- Soft Skills: Problem-Solving, Teamwork, Communication, Time Management, Leadership, Mentor
- Languages: Python, JavaScript, TypeScript, React, NodeJS, HTML & CSS

## PROJECT EXPERIENCE

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- **Virtual Assistant CLI | Personal Project | 2024**

Developed a Python-based personal assistant application with functionality to manage contacts, addresses, birthdays, and notes. Implemented error handling, data persistence via JSON, and a command-line interface to allow users to add, update, search, and organize personal information efficiently.

- **Banking System | Personal Project | 2024**

Built a Python-based banking system simulation with features for account creation, secure login, PIN management, deposits, and payments. Implemented data persistence using JSON, logging of account activity, and security mechanisms such as account lockouts and cooldown periods after failed login attempts.

- **Weather Predictor | Personal Project | 2025**

I developed a Weather Predictor and Alert System using Python and Raspberry Pi, integrating APIs and sensors to forecast conditions and trigger real-time alerts. The system uses Twilio SMS for notifications and hardware automation to prevent freezing damage, with optimised data processing ensuring reliable, continuous operation and demonstrating the combination of software, hardware, and IoT for practical problem-solving.

(For more projects, please see my LinkedIn Account)

## WORK EXPERIENCE

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### Logistics Supervisor (GovConstrProject), VGC Group

Aug 2021 - Present

- Welfare Management – (Assuring that we deliver great quality welfare service)
- Fuel Management – (Constantly monitoring the fuel and creating usage forecast)
- Waste Management – (Monitoring and requesting waste disposal)
- Route Planner – (Strategically and efficiently planning routes for quick access)
- Operations Management - (Creating strategies to help & improve the project)
- People Management – (Bringing people together as a team towards the same goal)
- Material Controller – (Monitoring material volume and requirements preventing/minimising waste)
- Risk Assessor – (Assessing the activity's risk, trying to eliminate, mitigate and reduce)

## EDUCATION

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Master of Science in Computer Science

Feb 2024 - Present

## EDUCATION & VOLUNTEERING

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Space Systems Test Best Practice Training (Plastron)

September 2025

Cyber Security (Shaw Academy)

October 2021

First Responder Volunteer (UK Emergency Support Services)

Feb 2020 – Oct 2020