Who you are?

Cioloca Alexandru

I am a person that enjoys working in improving his skills in problem solving, eager to participate in big projects with impact on general lifestyle/industry.

I can describe myself as motivated and determined to follow my goals.

Education

2021- 2025: “Gheorghe Vranceanu” National College Bacau
2025-present: Facultatea de Automatica si Calculatoare UNSTPB

Employment

-

Personal Preferences

Work in a community of like-minded people with similar interests and objectives

Objectives

Learn by working with people that act as a role model

Create a personal portfolio to showcase my experience

Getting to know how professional teams operate

Work in a team

Develop soft skills

Values

Organized and dedicated

Limitations

Experience
Second language

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work – Define the domain of my future career and get a junior position on it	Become a senior	Adapt with the trends of the industry
Home - Get used to live without support from parents	Maintain a lifestyle with my own earnings	Build a family

Current competencies, skills, knowledge, experience
Linux, Bash, Python, Networking, Software Development, Cybersecurity

Development needs and skills required for future goals
Learn how systems work from a developer perspective and how to approach complex problems. Focus on a particular subject in order to specialize and do in-depth research that extends to longer periods of time Experiment with different types of hardware (although I might fail to set it up and running) so that I can learn by practice.

Action Plan
Focus on projects on the desired domain for an extended period of time (3-6 months) and use practice to implement solution to real problems in order to create a solid portfolio and get certified in order to prove my expertise to a potential employer

Who you are?

Fota Robert-Alexandru

Analytical, curious, and motivated engineering student passionate about industrial automation and digital transformation.
Team-oriented, adaptable, and eager to apply technical knowledge in real-world automation environments.

Education

Bachelor's Degree in Automatic Control and Applied Informatics, University POLITEHNICA of Bucharest (2021–2025)
High School Diploma – Automation Technician,
Energetic College Râmnicu Vâlcea (2017–2021)

Employment

Target Roles:
Junior SCADA Engineer
Automation Engineer
Control Systems Engineer
Industrial Digitalization Specialist
Future Goal: Digital Transformation Manager — leading innovation and integration of smart industrial systems.

Personal Preferences

Prefer working in a dynamic and technical environment that encourages innovation, continuous learning, and teamwork.
Enjoy hands-on work with automation systems and seeing real results from digital solutions implemented in industry.

Values

Efficiency, continuous improvement, and innovation.
Team collaboration and personal accountability.
Using technology to create sustainable and intelligent industrial systems.

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for progression on demonstration of ability	Develop into a senior role	Head business unit/venture
Home - Maintain a healthy work-life balance while completing my studies. Continue improving communication and time management skills. Support my family and stay connected with friends.	Achieve financial stability through a full-time position. Buy a house	Build a stable and fulfilling personal life. Never stop learning — stay curious and open to new technologies and ideas.

Current competencies, skills, knowledge, experience
Strong foundation in automation and control systems. Programming experience in C, C++, Java, and Python. Basic knowledge of PLC programming, HMI design, and ladder logic. Understanding of electronics, sensors, and real-time applications. Experience working on academic projects related to machine learning, web applications, and solar tracking systems. Familiar with computer networks (CCNA1) and database management (SQL, MySQL). Excellent analytical and problem-solving skills. Teamwork, adaptability, and continuous learning mindset.

Development needs and skills required for current job and future goals
Gain hands-on experience with SCADA platforms Develop a deeper understanding of PLC programming and industrial communication protocols (Modbus, OPC UA, Ethernet/IP). Learn system integration and data visualization for industrial processes. Improve cybersecurity awareness in automation and IoT systems. Strengthen project management, documentation, and communication skills.

Action Plan
Apply for internships or entry-level positions in industrial automation

and SCADA engineering to gain practical experience.
Complete specialized online courses in PLC programming, HMI development, and SCADA system configuration

Who you are?

Gradincia Roberto-Marius (23)

Hardworking, ambitious, serious, motivated, logical thinking, practical

Education

A Levels - Maths, Physics, Computer Science, Systems Engineering
Masters - Advanced Real-Time Systems Control

Fundamentals Skills
Ambtious
Hard working
Logical thinking

Professional Skills
Knowledge on SCADA field
Understanding of PLC pogramming

Advanced Skills

Employment

Junior Web Developrt

Personal Preferences

Being involved in a competitive environment with opportunities for performance that can motivate me with multiple challenges

Values

Man of my word

Profesional

Limitations

Lack of experience
Fear of failing

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for progression on demonstration of ability	To be able to lead a project end to end and have a senior role	Having my own buissnes releated to the industry
Home – To achieve financial independence so I don't burden my parents anymore.	To have a house, a car and a happy relationship situation	To give my family the life they always wanted. To help the community where I grew up.

Current competencies, skills, knowledge, experience
Analytical modeling, math, physics, systems, processes, computer science, PLC programming

Development needs and skills required for current job and future goals
Confidence to be braver and stop worrying about what might go wrong. To specialize in the theoretical concepts related to SCADA and processes. To take courses and obtain certifications related to electronics and cloud computing

Action Plan
To find a job as a Junior SCADA Engineer so that I can learn a lot of things that will help me achieve the things I want. To be more brave. To work a lot more

Who you are?

Grigore Vlad-Gabriel

Analytical, driven, ambitious, perceptive
Enjoy working with numbers/money
Inquisitive, disciplined.
Engineer, Solution-oriented, Ambitious, Driven by Innovation
Passionate about Systems, Process Optimization, and Product Development

Education

High School Diploma - Mathematics and Computer Science
Bachelor's degree – Faculty of Automatic Control and Computer Science – System Engineering
Master's degree – Faculty of Automatic Control and Computer Science - ongoing

Fundamentals Skills
Programming (C/C++, Python), Algorithmic Thinking, Electrical/Electronic Circuits, System Control Theory

Professional Skills
PLC Programming Basics, SCADA Systems, Industrial Networking

Advanced Skills
Machine Learning (Basic Knowledge), IoT (Internet of Things), Cloud Computing Fundamentals

Employment

Honeywell – System Engineer Intern

Personal Preferences

Dynamic work environment (R&D or Start-up), Projects with physical/industrial impact, Flexibility (remote/hybrid work)

Values

Maximize efficiency, Create innovative and scalable solutions, Achieve professional autonomy (own business goal)

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position as a Junior/Entry-Level Automation or Embedded Engineer. Achieve the first major technical certification (e.g., Siemens/Rockwell or RPA/AI).	Become a Senior Automation Engineer / R&D Specialist.Manage end-to-end projects. Start integrating AI/ML into automation solutions.	Head Business Unit (e.g., R&D Automation Lead) OR Launch own Innovation/Automation Company (CTO/CEO role).
Home – Dedicate time to specialized programming languages (Python/C++)and industrial tech (IoT projects).	Build a strong professional network and mentor junior colleagues.	Financial and Professional Autonomy allowing significant flexibility (remote work/high-level consulting).

Current competencies, skills, knowledge, experience
Solid academic foundation in programming, algorithms, automatic control, and systems. Basic familiarity with PLCs and microcontrollers from university projects.

Development needs and skills required for current job and future goals
Platform Certifications: Gaining industry-recognized technical skills (e.g., Advanced PLC Certification from major vendor or Cloud/IIoT Certification). **Business Acumen: For entrepreneurship: Project Management, B2B Technical Sales, Financial Planning.** **Deep Technical Specialization: Advanced knowledge of Industrial IoT (IIoT), Industrial Vision Systems (for quality control), and Operational Technology (OT) Cyber Security.** **Leadership and Architecture: Experience in leading projects, solution design, and guiding junior teams (crucial for Lead/Architect/CTO roles).**

Limitations

Lack of large-scale industrial practical experience.Academic knowledge of PLCs, SCADA, and Industrial Networks requires validation in real-world scenarios.
Insufficient specialization on major vendor platforms (e.g., lack of advanced Siemens, Rockwell, or major Robotics certifications) or deep AI/Vision expertise.
Absence of Core Business Acumen (Finance, B2B Sales, Legal framework) and a strong network of potential clients/partners.
Requirement for physical presence (on-site) during the initial years (0-5) to implement and commission industrial hardware and robotic systems.

Action Plan
Secure Entry Role: Finalize a specialized CV and immediately secure a Junior/Embedded/QA Automation role to gain direct industry experience. **Technical Mastery: Complete and certify expertise in a core industrial platform (e.g., Siemens TIA Portal) within the first 18 months.** **Seek R&D Exposure: Actively look for projects involving new technologies (AI, Vision, Cloud) at work (Years 2-4) to transition into an R&D role.**

Who you are?

Marin Amalia-Elena, 22

Enthusiastic about designing, building, and optimizing mechanical and electronic systems, with a strong interest in automation and control engineering.

Education

Bachelor's Degree in Mechanical and Mechatronics

Master's Degree in Robotics and Automation

Employment

Physics and Chemical Assistant Institute for Nuclear Research (IFIN-HH), Physics Nuclear Department

Personal Preferences

I enjoy engaging in activities that challenge me and support my personal and professional growth. I thrive in environments that value integrity, mutual support, and continuous learning.

Values

I'm motivated by opportunities where I can actively contribute to a team or project, offer support to others, and make a meaningful impact. I find fulfillment in collaborative environments where my skills and ideas help drive progress and shared success.

Limitations

I tend to be very eager to help and take on tasks, which sometimes leads to overcommitment.

My Goals

Short Term	*Mid Term (2-5 years)*	*Long Term (5+ years)*
Work *- Secure a junior automation engineer position with opportunity for progression on demonstration of ability*	*Develop into a senior role*	*Lead/Specialist Engineerin in automation.*
Home *– invest in myself, making the most of my free time and resources to grow into the person I aspire to be*	*Maintaining a balance between professional responsibilities and personal life*	*Support family situation*

Current competencies, skills, knowledge, experience
Design and Technical Drawing (CAD tools for mechanical and electrical schematics); Electrical Circuit Design (Altium Designer for PCB layout and circuit simulation); Functional Block Diagram (FBD) programming for automation and control logic.;Programming Languages(C++ /Python); Database Management (SQL); Matlab/Simulink

Development needs and skills required for current job and future goals
DCS, PLC, HVAC HMI, SCADA, Networking basics and industrial communication protocols, Team collaboration and documentation

Action Plan
I aim to deepen my technical skills, gain industry recognized certifications and strengthen my understanding through hands-on experience.

Who you are?

Dalia Meshinsh, 23

I'm curious and always up for a challenge. I like figuring out how things work and making them better especially when it comes to automation, robotics, and systems that mix mechanics with electronics.

Education

B.Eng Mechanical and Mechatronics

M.Sc Robotics Automation

Employment

Automotive electrical harness design - Bertrandt

Working Student Gas Services – Siemens Energy

Personal Preferences

I enjoy working in environments where there's room to grow, and push myself and I like being part of projects I can learn from.

Values

I value creativity and finding smart, simple ways to solve problems. I enjoy coming up with ideas, testing things out, and improving how stuff works, not just following instructions but thinking about how to do things better.

Limitations

I work best when there's a clear goal or direction. I can get stuck if things are too vague.

My Goals

Short Term	*Mid Term (2-5 years)*	*Long Term (5+ years)*
Work - Get a junior automation engineering position in oil&gas or related	Graduate into a more hands on role either as a site engineer or offshore	Specialist/Lead Engineer in my field
Home – Spend more time with myself, just figuring out what I want next.	Travel more, meet new people, and keep learning things that aren't just job-related	Build a stable and comfortable life where I feel grounded both financially and emotionally

Current competencies, skills, knowledge, experience
Design and sumulation (CAD, FEA, CEA, MBD); Prototyping and 3D printing; Electrical circuits, physical and schematics (Kicad, Altium); Programming soft skill (python, C++); Matlab and Simulink; LabVIEW

Development needs and skills required for current job and future goals
TIA Portal/STEP 7/SIMATIC/HVAC/HMI Design/PROFINET/Modbus/ Ethernet IP/Control Systems Design

Action Plan
I plan to work on my technical skills, get hands-on with real automation projects, and earn certifications.

Who you are?

Popescu Lucian

Analytical, driven, ambitious, problem-solver Passionate about industrial technology and innovation Curious about understanding logic behind processes Disciplined, detail-oriented, continuous learner

Education

Bachelor's Degree - Automation and Computer Science
Specialization: Automation and Control Systems
Focus: PLC programming, SCADA systems, industrial networks

Fundamentals Skills
Logical thinking and spatial visualization
Process analysis and optimization
Technical problem-solving

Advanced Skills
SCADA/HMI development expertise
System architecture design
Leadership and team management

Employment

SCADA Technician / Junior SCADA Engineer
SCADA/HMI Developer
SCADA Systems Engineer
Lead SCADA Engineer
Chief Digital Officer

Personal Preferences

Working in a dynamic technical environment with continuous learning opportunities
Hands-on involvement in automation projects
Opportunities to transition from technical to strategic roles

Values

Maximize return on time, create efficiency, contribute to team objectives or perform as individual

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for progression on demonstration of ability	Develop into a senior role	Head business unit/venture
Home - Build technical foundation. Obtain first certifications in SCADA platforms	Confirm commitment to long term relationship	Support family situation

Current competencies, skills, knowledge, experience
Automation theory, control systems, PLC basics, SCADA concepts, industrial protocols, spatial visualization, logical thinking, problem-solving, process analysis Interest in industrial technology, digitalization, manufacturing optimization, process automation, Industry 4.0, technical innovation, understanding system logic, transforming manual processes

Development needs and skills required for current job and future goals
Hands-on experience with SCADA platforms - to be satisfied by obtaining certifications and building personal projects Gain exposure to real industrial environments to add to day-to-day project experience and to lay foundation for more senior position Participate in opportunities to work on complete automation projects from design to commissioning

Action Plan
Develop plan to utilize entry-level position as an opportunity to gain experience and demonstrate ability to potential future employers. Investigate certification availability in SCADA platforms (Ignition, Siemens TIA Portal, Rockwell) and industrial protocols (OPC UA). Build portfolio of 3-5 personal SCADA projects to showcase development skills and technical understanding.

I'm Traistaru Alexandru Mihai

Analytical, ambitious, tech-driven, curious about how machines and data interact. Passionate about automation, industrial systems.

Education
B.Eng – Automatic Control & Computer Science (UPB)
MSc – Industrial Automation

Fundamentals Skills:
Control Systems Engineering
Electrical & Instrumentation Basics
PLC Programming

Professional Skills:
SCADA & HMI Development
Industrial Protocols

Advanced Skills:
Cloud SCADA Integration
Predictive Analytics / AI for Industrial Data
Team & Project Management

Employment
Junior SCADA Engineer
SCADA / PLC Programmer
Automation Project Engineer
Industrial IoT Architect
Chief Automation

Personal Preferences

Being involved in a competitive environment with opportunities for performance

Values

Maximize return on time, create efficiency, contribute to team objectives or perform as individual.
Innovation, efficiency, teamwork.

Limitations

International experience, foreign language

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work – Secure a position as a **Junior SCADA Engineer**, gaining hands-on experience with PLCs, HMIs, and industrial communication protocols.	**Work** – Advance to **SCADA Project Engineer** or **Automation Lead**, managing small-scale industrial automation projects.	**Work** – Become a **Chief Automation / Digital Transformation Officer**
Education – Obtain SCADA/PLC certifications) and strengthen programming	**Education** – Complete advanced training in **IIoT, cybersecurity, and data analytics** for industrial systems.	**Personal** – Achieve a stable leadership position balancing career and personal growth.

Current competencies, skills, knowledge, experience
Programming languages: **C, C++, Java, MATLAB, Python (basic)** **Basic experience in project management, teamwork, and documentation** **Experience with data analysis, system modeling, and simulation (MATLAB/Simulink)**

Development needs and skills required for current job and future goals
Gain experience with **SCADA design** Improve knowledge of **cybersecurity standards** for industrial systems Strengthen **Python and SQL** skills for data acquisition, analysis, and integration with SCADA. Develop **project management and leadership abilities** to coordinate automation teams. Deepen understanding of **industrial communication protocols** (OPC UA, MQTT, Modbus TCP/IP).

Action Plan
Develop a structured plan to **gain practical experience** in industrial automation and SCADA systems through internships or entry-level positions. Obtain **certifications** in PLC and SCADA programming

Who you are?

Untea Robert-Marius, 22

Analytical, driven, ambitious, perceptive, attention to details. Enjoy working with electronics and automated systems.

Education

Bachelor's Degree in Control Systems at National University of Science and Technology Politehnica Bucuresti.

Fundamentals Skills
Professional Skills
Advanced Skills

Employment

INULTA Software Implementation Consultant
DSV Junior Associate Master Data Manager

Personal Preferences

Being involved in a competitive environment with opportunities for performance and further personal developing.

Values

Maximize return on time, create efficiency, contribute to team objectives or perform as individual.

Limitations

International experience, foreign language

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for progression on demonstration of ability	Develop into a senior role	Head business unit/venture
Home – Build simple smart home systems for my family and finish Civil Electrician course for certificate	Confirm commitment to long term relationship	Support family situation

Current competencies, skills, knowledge, experience
Automated Control Systems, Ladder logic, Electronics, C++ and Python

Development needs and skills required for current job and future goals
PLC, HMI, SCADA Systems

Action Plan

Who you are?

Alin Banica
Open to learn new ideas and technologies.
Focused on details, ambitious.

Education

Bachelor – Science in Mechanical Engineering
Master – Advanced Mechatronics

Fundamentals Skills
Professional Skills
Advanced Skills

Employment

System robotics engineer
Mechatronics engineer
Junior SCADA engineer
Automation Project Manager

Personal Preferences

Being involved in a competitive environment with opportunities for performance

Values

Maximize return on time, create efficiency, contribute to team objectives or perform as individual

Limitations

International experience, foreign language

My Goals

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for progression on demonstration of ability	Develop into a senior role	Head of SCADA site.
Home – To visit Switzerland and Germany.	Confirm commitment to long term relationship	Support family situation

Current competencies, skills, knowledge, experience
Networking Fundamentals, Octave/MATLAB, Solidworks, EasyEDA, scientific research

Development needs and skills required for current job and future goals
PLC programming, SCADA, HMI, AI tools etc.

Action Plan
To learn everything about SCADA, from theory to practice. To get a job in the field. To pursue a PhD program at UPB, so I can also participate in Erasmus.

Radu Codreanu

Analytical, disciplined, highly motivated, curious, driven by practical innovation and efficiency, with a passion for industrial automation, robotics, and process control.
Ambitious to grow into a leadership role where technical expertise meets multidisciplinary thinking that combine software, hardware and management.

Education

B.Sc. in Automation and Systems Eng.
M.Sc. in Industrial AutomationProject Management(planned)
PLC programming
SCADA/HMI integration
Industrial communication protocols
System design for smart factories
Project leadership

Employment

Junior Automation Engineer
Senior Automation & Control Engineer
Technical Lead/Project Manager
Head of Automation

Personal Preferences

Working in environments where tech, performance, and collaboration drive innovation.
I prefer a mix of hands-on work, leadership, and practical innovation.

Values

Measurable improvements in productivity and sustainability.
Knowledge sharing, professional individual development, team goals.

Limitations

Limited company experience, exposure to large scale industrial projects.

Short Term	Mid Term (2-5 years)	Long Term (5+ years)
Work - Secure a position with opportunity for technical growth	Progress to senior roles and lead small teams	Head of Automation
Home - Support family in obtaining our shared goals, together time	Confirm commitment to long term relationship	Support family

Current competencies, skills, knowledge, experience
Strong foundation in control systems, PLCs, sensors, automation software and simulation environments (Omron ACE, TIA Portal) Experience in programming, systems logic, structured project work, robotics, industrial networks, multidisciplinary collaboration Interest in practical innovation and system optimization

Development needs and skills required for current job and future goals
Gain hands-on industrial experience in commissioning and SCADA integration Strengthen project management and client communication abilities Improve foreign language skills for EU collaboration Develop advanced knowledge of robotics and IIoT integration Learn business and leadership aspects of automation project delivery

Action Plan
Internship as automation and control engineer trainee roles Certifications: Siemens TIA. Omron, PMP/PRINCE2 Workshops on SCADA systems, robotics, and digital transformation