Szymon Jędrzychowski

Junior Python Developer

Strong analytical background in production engineering and scientific research, providing a practical and structured approach to software development

Engineering student with a strong background in logistics and production, now focused on backend development with Python. Actively building skills through personal projects using Django, SQL, Linux, and related tools. Quick learner with leadership experience and a growing interest in data science, currently seeking a first programming role to gain practical experience

🎓 Education

2022- Present

AGH University of Science and Technology
Management and Production Engineering
Third-year student │ Current GPA: approx. 4.56
Relevant coursework: Programming (VBA), MATLAB, statistics, system reliability, and operations research

- Twice awarded Rector's Scholarship for academic excellence
- Co-author of publication: Simulation Modeling for Mass Customization Furniture Production: Investigating Production Volume and Machine Load in scope of Industry 4.0 standard
- Planning to pursue a Master's degree in Data Science

⚙️ Projects

SkillTrack – Learning Progress Tracker 🔗
Full-stack web app to manage and visualize individual learning progress. Built with Django and REST API secured by JWT.
- Implemented user authentication with profile management and image upload
- Designed dashboard with statistics and charts based on study session data
- Created CRUD features for skills and study sessions
- **Tech:** Python, Django, DRF, JWT, PostgreSQL, Bootstrap 5, Docker

SpendWiser – Personal Finance Tracker 🔗
Web application for tracking personal expenses and financial goals. Built with Django and a REST API secured with JWT
- Implemented user authentication with secure login system
- Developed CSV import with keyword-based auto-categorization of transactions
- Created goal tracking system with real-time progress indicators
- Designed responsive UI with Bootstrap 5 and integrated Chart.js for data visualization
- **Tech:** Python, Django, DRF, JWT, PostgreSQL, Bootstrap 5, Docker

Additional Activities

- Led 3D printing section in Transpeed Scientific Club
- Organized club's trip to EHW 2024 in Zurich (logistics & planning)
- Attended Barbórka and other national academic conferences
- Participated in innovation grants (AGH Rector's, IDUB, SKNTI)
- Received Rector's Scholarship twice for academic results
- Completed self-study programming courses (Python, SQL, Django) on Udemy

Personal Info

📞 **Phone**
+48 721 937 363

✉ **E-mail**
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 Github
https://github.com/LuckyS-J

🌐 **Portfolio**
https://luckys-j.github.io/portfolio/

🛠 Skills

Programming languages
Python ●●●●○
C++ ●○○○○

Web Development
Django ●●●●●
DRF ●●●●○
Flask ●●○○○

Databases
PostgreSQL ●●●○○

Tools & Technologies
Git & Github ●●●○○
Docker ●●●○○
Linux ●●○○○

Other Tools
Excel ●●●●●
Solidworks ●●●●●

🈂 Languages

Polish — **Native**
English — **B2**

Background & Knowledge

Skilled in logistics, production planning, Industry 4.0, and leading scientific initiatives