

# Alberts Kurto

**Nationality:** Latvian **Date of birth:** 21/02/2008 **Place of birth:** Rīga, Latvia **Gender:** Male

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Portfolio Website

## ABOUT ME

Junior Backend Developer with experience in developing web applications using Django. I've completed several personal projects, available on [GitHub](#), and have built solid programming skills. I learn quickly and enjoy picking up new tools and technologies. My background as a Junior BIM Engineer gave me experience in technical problem-solving and working with complex systems and large scale projects.

Please feel free to explore my [portfolio website](#) for examples of my work.

## WORK EXPERIENCE

**AKRO Solutions** – Birmingham, United Kingdom

City: Birmingham | Country: United Kingdom

**IT & Web Development Specialist / Junior BIM Engineer**

[ 15/11/2024 – Current ]

### IT Duties and Responsibilities:

- Develop and maintain two company websites, including configuring hosting and DNS settings to ensure reliable online presence.
- Ensure all company PCs, laptops, engineering software, and licenses are up to date by performing regular software updates.
- Review, install, and configure software and add-ins; provide training sessions to senior staff on new software tools and updates.
- Set up PCs and laptops for new employees, including creating and configuring user accounts and profiles.
- Prepare new hardware by installing necessary engineering software, licenses, and personalised user settings.
- Implement PyRevit by developing custom add-ins to optimize BIM workflows and increase process efficiency.
- Manage access permissions to cloud servers and live BIM models, ensuring clients have appropriate and secure access.

### Engineering Duties and Responsibilities:

- Creating paper spaces for engineering drawings.
- Developing Revit and AutoCAD families.
- Handling the issue process for Revit and Navisworks models.
- Tracking engineering documents and drawings.
- Performing basic modelling and engineering tasks.
- Conducting clash detection and model reviews.
- Generating Material Take-Off (MTO) schedules.

## EDUCATION AND TRAINING

**Vocational Secondary education (professional qualification level 4)**

**Riga Technical College** [ 01/09/2023 – Current ]

City: Riga | Country: Latvia | Website: <https://www.rtk.lv/en/> | Field(s) of study: Computing and ICT | Level in EQF: EQF level 4

- Proficiency in at least two programming languages and coding predefined algorithms in one of these languages
- Developing and debugging programmes
- Interpreting design schemes and diagrams
- Designing simple algorithms and data structures
- Selecting appropriate software and tools for problem-solving
- Implementing basic data protection and security measures
- Configuring workstations and tools
- Using internet technologies

- Applying data query languages
- Employing software testing techniques
- Writing and commenting on program code

## General Basic education

**Riga Kengarags Secondary School** [ 01/09/2014 – 31/05/2023 ]

City: Riga | Country: Latvia | Website: <https://rkvs.lv/> | Level in EQF: EQF level 3

## LANGUAGE SKILLS

**Mother tongue(s):** Russian

**Other language(s):**

**English**

**LISTENING B2 READING C1 WRITING B2**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

**Latvian**

**LISTENING B2 READING B1 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## SKILLS

### Programming

Backend (Django) / FrontEnd: HTML, CSS, JavaScript / Bootstrap 5 / REST API / Web parsing, scraping / Selenium (browser automation) / Scrapy, BeautifulSoup / Excel (Python automation) / requests (Python) / Git / SQL / Programmatic document processing / Python / C++ / Lua

### Engineering

Revit / Navisworks / AutoCAD

### Others

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Adobe Photoshop / Adobe Acrobat / Microsoft Teams

## PROJECTS

[ 15/01/2025 – Current ]

### Company management website

A robust internal web application developed to optimize and automate day-to-day operations within AKRO Solutions. The platform supports multiple core business functions, including:

- **Time tracking** for employees across projects
- **Project and team management** to monitor progress and assign responsibilities
- **Employee leave tracking**, including approvals and calendar integration
- **Expense and asset management** for accurate budget and inventory control
- **Automated generation of weekly and monthly reports** in PDF and Excel formats
- **Email notification system** to alert users about leave requests, approvals, deadlines, and important updates

The system is built with **role-based access control**, ensuring that administrators, managers, and employees only access features relevant to their responsibilities. It also integrates third-party APIs for generating PDFs directly from dynamic HTML page content, improving report delivery and document export features.

**Technologies used:** Django, Bootstrap, JavaScript, HTML, CSS, GIT

**Libraries and tools:** requests, python-decouple, openpyxl, chart.js, fullcalendar.js

## REFERENCES

Company: **AKRO Solutions**

Name: **Natalija Stolarova** | HR Manager

Email: [natalija.stolarova@akrosolutions.com](mailto:natalija.stolarova@akrosolutions.com) | Phone number: (+44) 7735359898

## HONOURS AND AWARDS

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[ 05/09/2020 ] TSI (Transport and Telecommunication Institute) Robotics Club  
**1st Place in LEGO Maze Solving at the 13th Latvian Robotics Championship**

[ 22/02/2020 ] TSI (Transport and Telecommunication Institute) Robotics Club  
**1st Place in LEGO Maze Solving at the Latvian Robotics Championship**

[ 14/12/2019 ] TSI (Transport and Telecommunication Institute) Robotics Club  
**2nd Place in LEGO Maze Solving at the Latvian Robotics Championship**

[ 10/2024 ] Ministry of Education and Science of the Republic of Latvia  
**Gold Certificate of Achievement (Certificate of Recognition) for the 2nd Semester of the 2023/2024 Academic Year**

[ 01/2024 ] Ministry of Education and Science of the Republic of Latvia  
**Silver Certificate of Achievement (Certificate of Recognition) for the 1st Semester of the 2023/2024 Academic Year**