Arina Vasiljeva

📍 **Home** : 6400, Sønderborg, Denmark

✉ **Email:** ari@mistclick.me 🌐 **Website:** mistclick.me 👤 **GitHub:** github.com/MISTCLICK

🔗 **LinkedIn:** linkedin.com/in/ari-v/

Nationality: Latvian

ABOUT ME

I am a 2nd year Mechatronics Engineering student at the University of Southern Denmark (SDU) and an experienced software engineer endlessly inspired by a dream for more accessible technologies and user interfaces. Solving complex problems is one of my favourite ways of learning and working. I have completed an engineering-focused secondary school programme While I am a little introverted, I suppose I can call myself open-minded. I have great leadership skills, and I value honesty and making my work valuable for my community.

WORK EXPERIENCE

eCo Solutions   https://ecosolutions.dk

[01/07/2025 – Current] **Software Engineer (Student Worker)**

In this role I am working on a project aimed at expanding cross-border cooperation between Danish and German businesses. I was entrusted to use this project as a learning basis to expand my area of expertise into the Angular framework. The project follows the stack of Angular, Express, and MongoDB and I have worked on t he following tasks as part of this project:

- • Designed UI components and their implementations.
- • Worked on accessibility features.
- • Designed backend infrastructure and mutations.

LudusXR   https://ludusxr.com

[01/11/2024 – 30/06/2025] **Full-Stack Software Engineer (Student Worker)**

In this role I am worked on 2 projects that fundamentally impact both formal education and lifelong learning initiatives. With the task of expanding access to education I have:

- • Built from scratch an online-platform (Next.js, React, PostgreSQL, web-sockets, Redis) for skill sharing among seasonal workers and professionals in niche fields that are seldom covered by formal education programmes.
- • Built from scratch a complex suite of backend infrastructure for a VR app for interactive language learning in classrooms and at home. My responsibilities included managing all database infrastructure (PostgreSQL) including load-balancing through read-replicas, optimising the schema and queries, as well as implementing and maintaining a gateway server.
- • Built from scratch an administration dashboard (Next.js, React) for displaying and analysing data as well as moderating the community of the previously mentioned VR app.
- • Implemented access to various payment systems for our customers through Stripe.
- • Implemented accessible and modern user interfaces that provided a smooth experience to all customers and site visitors.

EDUCATION AND TRAINING

[01/08/2024 – Current] **BSc in Engineering, Mechatronics**

University of Southern Denmark   https://sdu.dk

City: Sonderborg | **Country:** Denmark | | **Level in EQF:** EQF level 6

[01/09/2012 – 04/07/2024] **General Secondary Education**

Riga Secondary School N80 (Rīgas 80. vidusskola)   https://r80vs.lv

City: Riga | **Country:** Latvia | | **Level in EQF:** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Russian , Latvian

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

Danish

LISTENING B1 **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

Web Development

React/Next.js | PostgreSQL | SQL | MongoDB | Redis / Socket.io | Docker | TypeScript/ JavaScript | GitHub | Git

Embedded Systems Design & Development

C | ATMega328p | Circuit Board Design

Other Software Development Experience

Python / OOP | Linux System Administration

Other Digital Skills

Microsoft Office

HONOURS AND AWARDS

[08/05/2024]

Level III Research Diploma (III pakāpes Diploms par izstrādāto un aizstāvēto zinātniskās pētniecības darbu)

Awarding institution: University of Latvia (Latvijas Universitāte)

A diploma for successfully defending a research paper at a regional conference in the "Natural sciences" section, "Programming" discipline: *The Influence of AI Help on the Productivity and Efficiency of Problem-Solving (Mākslīgā intelekta palīdzības ietekme uz problēmrisināšanas produktivitāti un efektivitāti)*

[12/07/2024]

The Prime Minister's Note of Gratitude (Ministru Prezidenta Pateicības Raksts) Awarding institution: The Prime Minister of the Republic of Latvia (Latvijas Republikas Ministru Prezidents)

An award for exceptional educational achievements.

VOLUNTEERING

[28/03/2025 – Current]

The Als Rocketry Club Systems Administrator

As the Systems Administrator of the club I am tasked with maintaining all digital systems and mediums, including, but not limited to:

- The club's website
- Inventory management system
- Internal communication mediums

Furthermore, alongside my primary role, I develop and maintain rocket tracking and launch control systems as a member of the Avionics department of the club. This part of my work primarily consists of building desktop rocket tracking/control applications and radio communications systems, as well as the data feeds supplying them.

Link: the-arc.dk

[24/05/2024 – Current]

VATSIM Latvia vACC ATC Training Director, Technical Director

In this role I am leading the Training Department and the Technical Department of the Latvian Subdivision of the VATSIM Network (a US-registered 501 (c) 3 organisation). Over the course of my tenure I have accomplished the following:

- Revamped and created from scratch a new learning management system for our students and mentors using a simple stack of Next.js with PostgreSQL and TailwindCSS for styling
- Re-imagined the public image of the subdivision by designing a new, accessible and easy-to-use website for the subdivision at lv-vacc.org
- Improved the flow of the queue of students and revamped the training programme to optimise the efficiency of personal training sessions for students

- Maintained an extensive array of documentation for our students and staff
- Continued being the external point of contact for the subdivision representing it both within and beyond the VATSIM Network

[01/05/2021 – 24/05/2024]   **VATSIM Latvia vACC Event Assistant and Senior Member of the Training Department**

In this role I handled communications and development of documentation for the Latvian subdivision of the Virtual Air Traffic Simulation Network (VATSIM Inc., a US-registered 501 (c) 3 organisation). In this role I worked on:

- Arranging events with neighbouring subdivisions
- Handling communications with our real-life counterpart (Latvijas Gaisa Satiksme, the ATC authority in Latvia)
- Assisted in coordinating the work of the Training Department