

# Yahor Siarheyev *Software Developer*

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## Education

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2020 – present	<b>Bachelor</b>
Klagenfurt, Österreich	<i>Alpen-Adria University</i>

## Projects

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03/2025 – present	<b>Personal Full-Stack Portfolio Web App</b> Independently designed and developed a modern full-stack portfolio (Vue 3, Vite, Node.js, MongoDB), fully typed with TypeScript and built with reusable modular components. Implemented multilingual support (EN/DE/BE), dynamic project filtering, canvas-based animation, real-time contact form, and a JWT-protected admin panel. Dockerized backend deployed via Fly.io <a href="#">🔗</a> ; frontend hosted on Vercel with automated CI/CD pipeline.
12/2024 – 01/2025	<b>Online Marketplace</b> Built the retail section and landing page of a full-stack marketplace app (Angular, Node.js (express), PostgreSQL). Implemented user authorization and role-based access control; developed category filtering and form validation using Angular Reactive Forms. Contributed to a clean RESTful API structure and improved understanding of frontend-backend integration.
04/2023 – 06/2023	<b>Settlers of Catan</b> Developed the Android client for <i>Siedler von Catan</i> using raw Java (no game engine). Built custom UI with a manually rendered hex grid and real-time multiplayer logic using KryoNet for socket communication. Added a playful “shake to cheat” feature; handled backend integration and urgent fixes before final demo. Contributed to sprint planning and improved team coordination after overlapping work caused issues.

## Skills

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### Languages

Java, TypeScript, JavaScript, Kotlin, C, C++, C#, Python (basic), SQL

### Databases

PostgreSQL, MongoDB

### Auth & Security

JWT, bcrypt/bcryptjs, role-based access control

### Testing / Debugging

Postman, browser dev tools, unit testing (basic)

### Web & Frameworks

Angular, Vue.js, React, Node.js (Express), REST API, HTML, CSS

### Tools & DevOps

Git, Docker, Vite, npm, Webpack, Fly.io

### Mobile

Java (Android SDK), socket programming with KryoNet

### Other

Scrum, Agile, self-hosted backend/frontend deployment, CI/CD basics