

Mihail Bogdanov

Software engineer with an interest in building
Interesting and innovative projects.

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Relevant Experience

Full Stack Software Engineer Intern **Synthgen**

Nov 2024 — Present

- Build, style, and ship website functionalities. Made use of technologies such as JavaScript, TypeScript, Next.js, Express.js, AWS.
- Lead the development of an Image-To-Video Pipeline for the website CaptureAI. This includes architecture design & development of REST API.
- Work alongside CEO & CTO to transform creative concepts into functional digital experiences at an agile (3 week) cadence.
- Spearhead company-wide accessibility initiatives such as creating documentation for easy project transfer.

Backend Software Engineer **Microlab**

Sept 2024 — July 2025

- Worked alongside CEO to better the experience of using smart building, with building tools such as control panel for Lights and Heating.
- Built a simulation tool for testing new functionality for sending commands with MQTT to smart appliances.

Full stack Developer Intern **Genzai**

Sept 2023 — Jan 2024

- Developed and designed a part of a data analysis/preparation tool for Genzai's client Agnicio.
- Utilized technologies such as PySpark and React.
- The program was developed to work directly with csv's

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS,
Python, Java, C#, Flutter, Swift, Kotlin

Libraries & Frameworks

React, Next.js, Express.js, Nitro.js, Node.js,
React Native, Tailwind CSS, Styled
Components, Springboot, ASP.NET, Vue,
FastAPI

Tools & Platforms

Git, GitHub, Vercel, Heroku, MongoDB,
Supabase, Firebase, Storybook, Docker,
Figma

Selected Projects

Image-to-Video pipeline

Developing an Image-to-Video pipeline
for users to create marketing content
with AI.

Honorsteine Content Management System

Worked in a team to develop a CMS
for Stichting 18 September.

MQTT Smart Building Simulation Tool

Developed a simulation tool to act as
a testing ground for working with mqtt
topics and to test out new apps.

Education

Fontys University of Applied Sciences

Bachelor of ICT (Currently Graduation
Semester) & AI for Society Minor