

# 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