Andrei Bostan

S o f t w a r e   E n g i n e e r

Student worker at **The LEGO Group**. I'm Passionate about all the things surrounding the **Cloud (Microservices, AWS)**, **Web (React, TS)**, and **APIs**. I love creating and collaborating on projects that give real value and automate as much as possible.

Contact / Details

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Education

2023
Software Engineering (BEng)
VIA University College, Horsens, DK

2019
Informatics
CEEF, Chisinau, MD

Skills / Tech

Javascript, Typescript, React.js, Next.js, Material UI, Chakra UI, GraphQL, REST, Microservices, HTML, CSS/styled-components, Agile

DynamoDB, Serverless, AWS CDK, AWS SAM, Pulumi, Node.js, Amazon Web Services, Express, Firebase, PostgreSQL, MongoDB

Languages

English

Romanian

Danish

Russian

Employment History

2021 - Present | **The LEGO Group** | Billund

Student Worker & Intern

- Developed the internal incident **REST API** using **OpenAPI** specs and published it through the **API Gateway (Kong)**. Configured **OAuth**.
- Built a **Serverless** app using **AWS CDK** to handle dynamic data transfer via **S3 Buckets, Events, AWS KMS**, and **Lambdas** in **TypeScript**.
- Developed a solution for exporting data to an **S3 Data Lake** through AWS REST APIs. Validated with **AWS SigV4** and performed memory management.
- Created multiple integrations (**CI/CD** for ServiceNow applications, **AWS account creation**, locker system integration, **JIRA** sync, etc.).

2020 - 2021 | **Plan2Learn** | Aarhus

Student Web Developer

- Developed new features using **React** & **MaterialUI**.
- Contributed to the Legacy part: **VB .NET, JS, SQL, STPs**, and APIs

2020 - 2021 | **VIA University College** | Horsens

Student Assistant

- Guided 1st-year students in JAVA/OOP essentials, primary **design patterns**, **debugging**, and client-server communications.

Personal Projects

Time Registration Helper

An **AWS Serverless application** built with **Pulumi** that extracts data from Clockify via **REST APIs** and automatically fills in a template Excel file. Hosted a user-friendly **Next.js** client on **Vercel** along with it.

KLIK for Emails

Currently developing a platform to integrate **LEGO's** internal design system into emails. Adapting React components to **MJML**, allowing customization by following the **NPM** library for design tokens.

Expense Tracker

Native **Android** application built in Java to help keep track of expenses. Features include data visualization and currency conversion via API.

Synced YouTube Player

React application that uses a **Socket-IO Node** server to facilitate watch-along sessions for YouTube videos

Volunteering

Boy Scout

Being a boy scout helped me strengthen my survival, team-work and social skills like nothing else did. It also gave me the opportunity to go to Japan and Switzerland to meet many other scouts and join them in celebrating our values.

Reference

Ganni Parajuli

Lead Engineer, the LEGO Group

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