

Introduction

I am a software engineer with over 8 years of experience in building scalable, performant, and reliable software solutions, primarily in the domain of web applications. I am proficient in TypeScript, Go, and Python, and at home with frontend frameworks such as React, Vue, and Svelte, as well as metaframeworks like Next.js.

Experience

Chief Technology Officer – RenderAI

 2023 – Present  Remote

- Bootstrapped and developed a mobile application written in Flutter that facilitates AI-generated portrait photos given a set of training photos.
- Contributed to the development and testing process of a DRF-based REST API that communicates with several AI providers to deliver content to users.
- Engineered and fully implemented a NestJS-based microservice for uploading image files to a storage bucket, as well as performing on-demand and eager image transformations on them and serving them to the end users.
- Deployed AI models for image generation and large language models for internal use by multiple services.
- Contributed to the development of a NestJS-based REST API for B2B offerings. Architected the metered usage and billing flow for customers using the company's B2B AI models.
- Designed, implemented, and deployed a web-based application written in Next.js, Tailwind, and TypeScript for interacting with the NestJS API.

Software Engineer – Somus

 2021 – 2023  Remote

- Developed modern web and mobile applications and landing pages for a social network using Nuxt.js and Flutter.
- Implemented several features and improved existing ones in a backend based on Django REST Framework.
- Designed and implemented a system of distributed asynchronous workers using Celery, RabbitMQ, and Redis.
- Engineered and shipped WebSocket-based microservices using Django Channels.
- Designed CI/CD workflows using GitHub Actions, Docker, and Vercel.
- Developed several internal tools for management and maintenance, primarily in Node.js and Go.

Software Product Developer – IntoMedia Group

 2015-2020  Remote

- Designed responsive and modern websites for clients all around the world with varying use cases.
- Participated in the development of professional backend solutions in Go, Node.js, PHP, and Python.
- Contributed to the development of scalable REST API-driven applications.
- Gained lots of experience in the field of Linux system administration and cloud providers such as AWS.

Education

B.S. in Computer Science – Sapientia Hungarian University of Transylvania

 2020 – 2023  Marosvásárhely, RO

“Bolyai Farkas” High School

 2016 – 2020  Marosvásárhely, RO