Atli Sævar Guðmundsson

Purposeful full stack developer with a passion for building software that matters.

Experience

2017–current **Software Engineer**, *Dohop ehf.*, Reykjavik, Iceland, dohop.com, worldwide.easyjet.com.

Dohop provides virtual interline platforms for airlines, i.e. a flight search and booking engine to connect with other airlines. My main focus is on our biggest partner platform, worldwide by easyJet.

2020–current **Founder**, *Ethicode*, Garður, Iceland, ethicode.org.

Ethicode is working towards a world where all sentient beings have the right to life, liberty, and the pursuit of happiness. I started this organization around my personal projects and have recruited and organized 25 volunteers from around the world to work on them with me.

2016–2017 **Software Engineer**, *Code North ehf.*, Reykjavik, Iceland, codenorth.com.

Code North provides business solutions connecting dated software with fast, modern interfaces and architechtures. I worked on business solutions for another software company, DK Hugbúnaður, and created an Aircraft Maintenance Control System for Icelandair.

2015–2016 **Instructor and Software Developer**, *Reykjavik University*, Rvk, ru.is.

I spent the summer of 2015 automating processes for the School of Computer Science Offices. I then worked part-time during the final year of my degree as an instructor in the courses 'Calculus and Statistics' and 'Programming languages'.

2013–2015 **Sound Specialist and Salesman**, *Hljóðfærahúsið ehf.*, Rvk.

A salesman specialized in sound in a musical instruments store.

2006–2012 **Producer and Technician**, *Myndbandavinnslan ehf.*, Rvk.

Recording and sound editing, video editing and processing and production of CD's and DVD's.

2007–2013 **Sound Engineer**, *Hótel Saga/Radisson Blu*, Reykjavík.

Mixing live music and events in the main hall, Súlnasalur.

Showcase Projects

FOOD·E
Released in May 2020, FOOD·E is helping food professionals promote the sustainability of their food. Built with Next.js and MongoDB.
foodprintcalculator.com – Github repo

Ethicode
Created in March 2020, the homepage for Ethicode was originally built with Vue.js but after experimenting with that framework a bit, I decided to rewrite this project using Next.js.
ethicode.org – Github repo

VeganBot
Deployed in May 2018, VeganBot educates and trains people in the vegan conversation, to help veganism spread even faster. The client was built with TypeScript/Angular.js, the server with Node.js and then some Python scripts to gather the content.
veganbot.com – Github repo

Hvert fara peningarnir?
'Hvert fara peningarnir?' or 'Where does the money go?' displays the books for the town of Kópavogur in a user friendly UI to increase transparency on how the town's finance is managed. Angular.js in the client, Node.js in the server and a Python script to move the data from the towns SQL database into our super fast NoSQL ElasticSearch search engine.
hfp.kopavogur.is – Github repo

Skills

Frontend	React.js, Next.js, Typescript, Angular.js, Vue.js
Backend	Python, Node.js, C++, Java
Deployments	Vercel, Docker, AWS
Databases	MongoDB, MySQL, ElasticSearch
Other	Cypress, Github, Asana

Education

2013–2016 **B.S. in Computer Science**, *Reykjavik University*, Reykjavik, Iceland, Dean's list for outstanding academic achievements.

2005–2006 **Diploma in Audio Engineering**, *SAE Institute*, Liverpool, England.

2001 **Matriculation Exam in Natural Sciences**, *The Comprehensive School at Ármúli*, Reykjavík, Iceland.