

Bjorn Elvar Thorleifsson

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Links

[Email](#) · [Mobile](#) · [Website](#) · [GitHub](#) · [LinkedIn](#)

Summary

- Ambitious quick-learner with a background in audio engineering and a passion for technology and computers. I am currently studying Computer Science at Reykjavik University and am looking for a position where I can apply my skills and learn new ones.

Education

- **Computer Science BSc** (2021-2024)
Reykjavik University
- **Preliminary Studies** (2019-2021)
Keilir
- **Audio Engineering** (2018-2018)
Tækniskólinn

Skills

- **Programming Languages**
Python, Java, JavaScript, TypeScript, SQL, HTML, CSS, C#, LaTeX
- **Operating Systems & Tools**
MacOS, Figma, bash, git, Unity, Windows
- **Libraries & Frameworks**
Pandas, Numpy, Jupyter, Django, React, jQuery, .NET, NextJS
- **Data Management**
PostgreSQL, MySQL, MongoDB, SQLite, ClickHouse, Prisma ORM

Experience

- **Backend Developer** May 2023 – NOW
Reykjavik University - Research Assistant
Developed a .NET backend for a web-based sleep research platform, aimed at facilitating machine learning data labelling and analysis. Key responsibilities included designing and implementing robust data handling processes, ensuring scalability, and collaborating with research teams to tailor functionalities for advanced sleep pattern studies. Successfully optimized database efficiency by compressing file tables, achieving a 95% reduction in size. This enhancement led to an 80% improvement in segmentation loading times, significantly boosting system performance and data processing speeds.
- **Audio Engineer** May 2022 – NOV 2022
Storytel
Recording, editing, and mixing audiobooks. Developed strong communication and project management abilities by working closely with production leads and narrators to ensure timely project completion.

- **Project Manager & Sound Technician** February 2019 – September 2021
Hljómahöll
Coordinated live events, performed live audio mixing, and created content for the Icelandic Museum of Rock 'n' Roll.
- **Support Worker & Custodian** October 2016 – January 2018
Reykjanesbær
Caretaker role for kids with special needs and general housekeeping and cleaning.

Projects

- **NBA Scores: An Alfred Workflow** [Link](#) [Github](#)
I used the [NBA API](#) to get the data and then built a workflow around it using Python.
- **NFL Pick 'em** [Link](#)
I built a web app using NextJS and Prisma ORM where users can submit their weekly NFL picks. 150 users currently!
- **Canvas Crisis: 2D Platformer Video Game** [Link](#)
Game was designed and developed in 2 weeks for a 3-week course at Reykjavik University.

References

- **Tómas Young**
Hljómahöll - Framkvæmdarstjóri +354 777 5532
- **Ingvar Jónsson**
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- **Pórhallur Arnar Vilbergsson**
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