Gunnar Páll Gunnarsson

Software Developer, Audio Engineer, Musician, Lover...

Biography

Gunnar Páll, also known as **Palli Moon**, holds a **Bachelor of Science** degree in Computer Science from **Reykjavík University**, graduating in the spring of 2016. With over nine years of experience (and at least twice that as a hobbyist) in software development, he specializes in **C# .NET Framework** and **JavaScript/TypeScript** libraries, including **Node.js**, **ReactJS**, and **Next.js**. A lifelong learner, he continually hones his skills and explores new technologies in his free time.
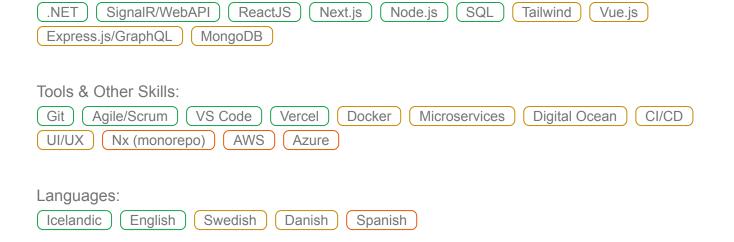
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Skills

Skills are roughly in descending order of proficiency. The colours represent the following levels of expertise: Excellent Good Decent

Programming:

C# JavaScript/TypeScript CSS C++ Java Python C PHP BC AL NAV C/AL

Libraries & Frameworks:

.NET   SignalR/WebAPI   ReactJS   Next.js   Node.js   SQL   Tailwind   Vue.js
Express.js/GraphQL   MongoDB

Tools & Other Skills:

Git   Agile/Scrum   VS Code   Vercel   Docker   Microservices   Digital Ocean   CI/CD
UI/UX   Nx (monorepo)   AWS   Azure

Languages:

Icelandic   English   Swedish   Danish   Spanish

Experience

Klappir Grænar Lausnir

Tech Lead   Aug 2023 - Nov 2024

Responsible for upgrading and maintaining the backend of **Klappir's** environmental platform. Played a key role in the hiring process and onboarding new developers. Encouraged the team to adopt **Agile** and **Scrum** methodologies and contributed significantly to **architectural design decisions**.

NodeJS   SQL   GraphQL

LS Retail

Software Developer   Oct 2016 - Jul 2023

Designed and developed a service to manage retail hardware devices and facilitate communication with the **POS** system. Also created clients in **TypeScript** and **.NET** for integration with the service, including backend development in **Business Central** using **AL** and **C/AL** and a frontend using **ReactJS**. The solution is fully unit-tested, customizable, and packaged as an installer.

C#   SignalR   BC AL   TS   Show More

Marel

Contract Developer   Jan 2016 - Sep 2016

Final project at **Reykjavík University** was in collaboration with **Marel**, focusing on the design and development of software for Marel's **Innova systems**. The software collects and analyzes data, primarily error logs, and presents the results through an intuitive web-based interface. The system is hosted on the **Microsoft Azure** cloud platform. The work involved front-end and back-end development, along with devops tasks, documentation, and more. Following graduation, development on the project continued through September 2016.

Education

Reykjavík University

Computer Science, B.Sc.   2023 - 2024

Bachelor of Science degree in Computer Science from Reykjavík University with focus on **Game Development** and **Web Services**.

SAE Institute

Audio Engineering, B.A.   2023 - 2024

Bachelor of Arts (Hons) degree in Audio Engineering from SAE Institute in **London**

Borgarholtsskóli

Media, Stúdentspróf   2007 - 2009

Stúdentspróf, the Icelandic equivalent to A-levels, majoring in **Media**.

Personal Projects

Palli has explored software development through countless personal projects, each varying in scope and completeness. Some of these projects are showcased on his GitHub Page, while others remain private or unfinished.

Palli's Portfolio

This portfolio site — yes, the one you're currently visiting! — is built in **NextJS** and features a variety of **components** to showcase versatility. It conporates **Daisy UI** and **Tailwind CSS** for styling. While it currently lacks a **backend**, it still effectively separates **data** and **UI** concerns. Hosted on **Vercel** and deployed using **GitHub Actions**, this project is a continuous work in progress. I plan to expand it over time by adding my **music** and other **content** as my career evolves.

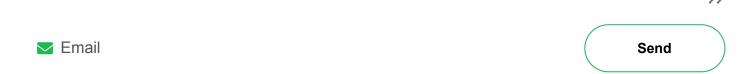NextJS TypeScript Daisy UI Tailwind Vercel

Ticketing

A self-driven project designed to gain hands-on experience with the **microservice** paradigm. It features a **Node.js** backend paired with a **ReactJS and Next.js** frontend. The architecture incorporates **Docker** within a **Kubernetes cluster**, with **NGINX Ingress Controller** managing service communication. The application allows users to create event tickets that can be "purchased" using the **Stripe API** (in test mode). The project is not currently available online for testing but includes detailed setup steps for deployment.

Node.js ReactJS MongoDB Microservices StripeAPI

Contact

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