

Jonathan Berglund

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FULL-STACK DEVELOPER

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Full-stack developer with a Higher Vocational degree in .NET systems development, now building the APIs and crawlers behind Arkiwera's platform in PHP, Laravel and Alpine.js. Most of what I know started as curiosity rather than coursework – servers, networks, then the software that runs on them. I ship my own tools too: a desktop Japanese trainer, a browser image workbench, and client sites in production.

EXPERIENCE

Junior Full-Stack Developer – Arkiwera

2026 – present

Progressed from intern to junior developer on an agile team. Frontend and backend work in PHP, Laravel and Alpine.js, mostly on the platform's APIs and crawlers – OAuth 1.0a and 2.0 integrations, Unix-side deployment, and customer-specific features built with performance and security in mind.

Developer Intern – Tommy's BMF AB

Sep – Dec 2025

Rebuilt and maintained bmfab.se in HTML5, CSS and JavaScript. Built an internal work-order and data-logging app in Dart, front to back, with SQLite for local storage.

Process Operator – Silex Microsystems AB

Jun – Sep 2024

Etching processes on silicon wafers: precise film-thickness and etch-depth measurement on every wafer, plus microscope inspection for defects against tight specifications.

Property Manager – HSB Södertörn

Jun – Dec 2023

On-site maintenance for residents – plumbing call-outs, lock and fixture changes, radiator checks and grounds keeping.

Tournament Administrator – Area Academy

Jan – Apr 2022

Ran support and admin for the SECSGO Counter-Strike tournament and the Esportal platform: starting matches, rescheduling, and verifying team eligibility in Excel.

Web Intern – Grillska Gymnasium

Feb – Apr 2021

Built two client websites on WordPress with custom HTML, CSS and JavaScript.

EDUCATION

Systemutvecklare .NET –

2024 – 2026

Newton Kompetensutbildning

Higher Vocational degree, 400 YH credits at SeQF level 5 – awarded June 2026.
C# and object-oriented design, ASP.NET full-stack, SQL database design, JavaScript web apps, MSTest unit and API testing, Azure and DevOps (key vaults, monitoring, analytics), UI fundamentals.

Japanese A1 – Folkuniversitetet Stockholm

2026 – present

Japanese for business communication and everyday conversation.

Tekniskt basår – KTH Royal Institute of Technology

2023 – 2024

Electricity & Energy, ICT

2019 – 2022

Specialisation – Grillska Gymnasium

Electronics, computer systems and network technology; IT infrastructure and hardware in industrial and office settings; hands-on troubleshooting and system installation.

TECHNICAL SKILLS

Languages	C#, PHP, Python, JavaScript, HTML5, CSS, SQL
Frameworks	ASP.NET / .NET, Laravel, Alpine.js, Node.js, Electron, Windows Forms, Pygame, Godot, WordPress
APIs & test	REST APIs, OAuth 1.0a & 2.0, web crawlers, Postman, MSTest (unit & API)
Data	SQL database design and management, MySQL, SQLite, TablePlus, MariaDB
Cloud & ops	Azure & Azure DevOps (key vaults, monitoring, analytics), Docker, Git / GitHub / GitLab, Linux CLI
Systems	Windows and Linux server setup, hardening and cybersecurity; building, debugging and maintaining PCs
Networking	Routers, switches, patch panels and access points; Ethernet installation; port forwarding, SSH tunnels, traffic management

PROJECTS**Kotoba — daily Japanese quiz**Electron · JS · [GitHub](#)

Desktop vocabulary trainer packaged as a Windows installer. Daily word sets across hiragana, katakana and kanji, romaji input checked live, persistent scores and streaks, JSON import for custom word lists, always-on-top compact window with light and dark themes.

MediaLab — browser image workbenchCanvas · [Cropper.js](#)

Fully client-side editor — nothing is uploaded. Zoomable crop stage with aspect presets, pixel-exact resizing, brightness/contrast/saturation, per-side custom borders, and chroma-key background removal with tolerance and edge feather, exporting PNG or JPG.

supersportfordon.sePHP · JS · [live](#)

Client automotive site in production — responsive front end in HTML, CSS and JavaScript over a PHP and JSON back end, built to the customer's requirements.

Japanese handwriting trainerCanvas · [single file](#)

Freehand character practice on canvas with adjustable brush, row-by-row selection, stroke-order playback and per-session scoring — shipped as one self-contained HTML file.

[SNIP3'S] Food Pack — Hytale modJSON · [CurseForge](#)

Published mod expanding the food and cooking system with custom meals, drinks and recipes — asset creation in Blockbench, texture design and gameplay balancing.

Internal work-order appDart · [SQLite](#)

Front-to-back Dart app with SQLite logging, built during the Tommy's BMF internship and in daily use since.

LANGUAGES

Swedish

Native / fluent

English

Fluent

Japanese [Conversational](#) ·
[studying](#)

BEYOND CODE

Photographer — cars, wildlife and street work on a Fujifilm X-M5, edited in Lightroom and Capture One. Selected frames at [@jonber00](#).