

Harley Lafeber

Systems-focused Software Engineer
Backend - Mobile - Cloud - Games

CONTACT

Rotterdam Area, Netherlands
HLafeber@nekrova.com
github.com/harleyknd1
linkedin.com/in/harley-lafeber
Portfolio:
harleyknd1.github.io/portfolio/en/

LANGUAGES

Dutch - native
English - fluent / professional

Harley Lafeber

Medior Software Engineer
.NET - Systems Integration - Cloud - Game Development

Professional Profile

Systems-oriented software engineer with deep experience in C#/.NET.
Hands-on ownership of multiple systems across the full stack (server-side, mobile, cloud, hardware, infrastructure, integrations). Enjoy diving into unfamiliar, messy domains, figuring out what you need to learn, and taking vague requirements and turning them into systems.
Most comfortable in roles that involve a mix of engineering, research, and delivery.

Core Skills

- C#, .NET, ASP.NET, Web API, MVC, WPF, Blazor
- Flutter, Dart, Angular, TypeScript, JavaScript, Java, PHP
- Azure, Service Bus, Functions, DevOps, Docker, Cloudflare
- SQL Server, Redis, MongoDB, Cosmos DB
- Smart Cards, APDU, NFC, EMV, BLE, Systems Integration

Education

- **Avans University of Applied Sciences**, Breda:
  BAS Informatica / Software Engineering
  (2018-2027)
- **Konkuk University**, South Korea:
  Exchange Program, Computer Science & Engineering
  (2024)
- **Techniek College/Albeda**, Rotterdam:
  MBO 4 Application Development
  (2015-2017)
- **Albeda College,** Rotterdam:
  MBO 3/4 System & Network Administration
  (2012-2015)

Certifications

- Microsoft AZ-900 - Azure Fundamentals
- Cisco Small Network certification
- Intel Network Builders University certification

Experience

Sentinel IT BV

Medior Software Developer:
Feb 2022 - Present

- Own complex production work across fintech, smart cards, mobile apps, APIs, cloud and third-party integrations.
- Sole author of a cross-platform smart-card platform (C#, C++, TypeScript/JS) for secure web-based card reading and authentication.
- Product lead and sole maintainer of a Flutter banking app; implemented EMV/NFC card reading, ID/passport scanning, KYC image encryption and CI/CD ownership.
- Re-architected registration from 45+ minutes to ~5 seconds perceived completion using Azure Service Bus, Functions and event-driven processing.
- Designed PSD2/Open Banking integration bridging internal systems to SaltEdge and built a Cloudflare Workers status page for operational visibility.

Nekrova

Founder / Technical Lead / Preservation:
Feb 2017 - Present

- Founded Nekrova from a volunteer game-development project and formalized contributor/IP agreements as the team grew.
- Led The Phoenix Project, then pivoted the organization toward preservation and live operation of Dragon's Prophet after official shutdown.
- Operate and modernize discontinued MMO infrastructure, tools, websites and supporting services.
- Coordinate volunteer contributors across development, assets, live ops and community support.

Alternate

Junior Developer (C#):
Feb 2018 - Aug 2018

- Built internal tools, warehouse PDA features and secure logistics systems.
- Designed a BLE-based warehouse positioning system on Android PDAs that reduced affected picking workflows from ~10–20 minutes to 5–10 minutes.
- Developed a C# WPF TCP messaging app for internal communication.

Dutch Game Studio

Game Developer:
Feb 2017 - Jul 2017

- Sole programmer on Dutch Biker; learned Unity and C# on the job and delivered a playable proof of concept.
- Implemented gameplay, physics, power-ups, combo logic, API communication and a scoreboard backend.

Pro Unit ICT

Application / Web Developer:
Feb 2016 - Jul 2016

- Learned PHP and WordPress on the job and contributed to frontend, backend and server setup for client websites.

Albeda College

System Administrator:
Sep 2013 - Jul 2014

- Maintained networks, servers, workstations and cabling, forming the early systems foundation for later software work.

Selected Projects

Anubis

Discord assistant for learning Dutch, using Azure Speech and multiple STT/TTS engines to practice pronunciation and A1 speaking skills.

Allergy Check

Open-source browser extension that scans product pages for rare allergens, making hidden risky ingredients easier to spot.

VRChat Worlds

Built social / interactive worlds including Know Your Friends in Space (111k+ visitors, 5k+ favorites), with custom gameplay logic, spatial audio and optimization work.