

# Logan Desseyn

Full-Stack Software Engineer & Developer

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## Experience

VEU Inc. — Lead Software Engineer    Sep 2023 - Present

TypeScript   Next.js   PostgreSQL   Docker   Cloudflare

- Designed and built a platform for discovering and managing events in VRChat and metaverse games, enhancing engagement and accessibility.
- Architected a microservice system for scheduled updates and notification delivery.
- Implemented CI/CD with GitHub Actions for faster rollouts.
- Mentored junior developers, streamlining onboarding and improving team efficiency.

Amihan Entertainment — Software Developer    Mar 2023 - Apr 2024

React   C#   Unity   Discord.js   GitHub   AWS

- Developed and deployed Discord bots with interactive social games and automated event management, significantly boosting community engagement.
- Engineered Unity tools that replaced manual spreadsheet input with a graphical interface, streamlining level design and dramatically improving designer efficiency.
- Gained strong collaboration and communication skills in a large team environment.
- Built responsive React websites from designs, ensuring pixel-perfect accuracy.

Caishen Protocol — Lead Developer    Jul 2021 - Oct 2022

Node   web3.js   Solana   Discord.JS   Redis   MongoDB

- Developed scalable features to support high user volumes, ensuring seamless on-chain reward distribution and reliable performance.
- Designed and developed an Engage2Earn Discord bot, scaling to support 40k+ users.
- Enabled community owners to incentivize social media and Discord activity on-chain.
- Integrated Solana blockchain to reward engagement with \$SOL or SPL tokens.

## Education

Eastern Iowa Community College    Aug 2022 - Jun 2024

Associate of Arts and Sciences - AAS, Computer Programming/Programmer, General

## Other Projects

SerenityJS —   TypeScript   Rust   Raknet   Protocol Buffers  

Open-source Minecraft Bedrock server software built from scratch; co-founded and led core development, fostering an active open-source community.

Adlily —   Next.JS   PostgreSQL   Cloudflare   AWS  

Contributed to a platform enabling VRChat world publishers to place dynamic in-world ads, monetize their spaces, and access audience insights.

Noctis —   Hono   PostgreSQL   Blockchain   BullMQ

Founded and developed a non-custodial payment gateway enabling creators and merchants to accept multiple cryptocurrencies.

## Skills & Tools

Underlying Indicators   Frequently Used   Occasionally

### Languages

Front End   HTML   TypeScript   JavaScript   CSS   SASS

Back End   Java   Rust   C#   PHP   Python

### Technologies

User Interface   TailwindCSS   ShadCN   Radix

Front End   React   Next.js   Vue.js   ESBuild

Back End   Node.js   Express   Fastify   Electron   Nginx

### Tools & Software

Code   Visual Studio   VS Code   Git

Game Dev   Unity   Unreal   Godot

Designer   Figma   Photoshop   Blender

DevOps   Ubuntu   Docker   Cloudflare   AWS

Databases   MongoDB   PostgreSQL