

Josh Agripo

Software Engineer

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Profile

I'm a software engineer with 3-4 years shipping production applications end-to-end and leading product development. I'm passionate about learning new approaches or about working with new stacks.

Professional Experience

Jul 2025 – Present

Software Engineer

WeAreReasonablePeople

- I managed and implemented multiple end-to-end LLM integrations that reduced budgeting costs and operational tasks of our clients from concept to production using LangChain and Nest.
- I created an integration that received up to 300-400 documents in a week for approving data against regulations of certifications providing data to the regulation auditor, lessening budgeting and operational costs.
- I created an integration that received 200-800 document manuals containing 10.000-50.000 spare parts to be sorted and processed, this integration provided maintenance data and instructions to engineers.
- I developed a reusable framework containing microservices for these integrations that reduced delivery time from 1-2 months to 1-2 weeks for each proposal.
- I set domain-driven architecture standards for ongoing applications that shorten our development time and reduced domain-knowledge constraints.

Sep 2024 – May 2025

Senior Software Engineer

Touch Tree

- I worked on a large-scale management platform for distributors to manage their own publications from concept to production managing around 500-1000 publications in 10 countries using React, Angular, Laravel, and Nest.
- I created an application that used a publication to create a web-based view for accessible reading used by 100-200 publishers using React, Adobe PostScript and Laravel.
- I mentored engineers on domain-driven architecture to shorten development time from 4-6 months to 1-2 months assessed mid-term and after completion of a proposal.
- I held architectural and technical mentorship responsibilities such as keeping up best practices and ensuring consistent achievement of deliverables.

Dec 2023 – Sep 2024

Software Engineer

Touch Tree

- I managed the development of several applications for publishers to distribute magazines via a web-based catalog.
- I created a catalog management platform containing data metrics and advertising campaign integrations from concept to production.
- I developed white-label products for our distributor products including document management, printing, and customer viewing.
- I provided architectural changes that reduced deployment cycle time from 1-2 weeks to 3-6 days.

Feb 2023 – Jul 2023

Software Engineer

Heisa

- I contributed to the development of our web applications.
- I worked on conceptual designs for our websites.
- I developed applications from concept to production.

Internship

- I created services such as chat servers, notification services, and real-time chat rooms in Nest.

Aug 2022 – Feb 2023

Software Engineer

Tripaly

- I contributed to the development of our e-commerce platforms, implementing telemetry tracking for machinery, and managing back-end endpoints.
- I created interfaces for customer-facing e-commerce applications for product viewing e.g. rental vehicles, tools and parts.
- I managed a part of an application that managed the viewing of around 15.000-20.000 products.

Internship

Education

Jan 2025

Yale University

Undergraduate Coursework, Psychology and Philosophy

- Non-degree.

Sep 2023

Hogeschool Rotterdam

Bachelor of Applied Science, Software Engineering

- I attended through year 3 of coursework.

Aug 2020 – Apr 2023

Grafisch Lyceum Rotterdam

Software Engineering

Sep 2014 – Apr 2018

Grafisch Lyceum Rotterdam

Media Studies

Languages

Dutch — Native/Bilingual

English — Native/Bilingual

Courses

2025

Introduction to Psychology

Yale University

PSYC110

2025

Philosophy and the Science of Human Nature

Yale University

PHIL181

2025

Software Architecture: Domain-Driven Design

LinkedIn

2024

GitHub Career Essentials in GitHub Professional Certificate

Github

2024

Microsoft Career Essentials in Software Development

Microsoft, LinkedIn

Skills

Languages

TypeScript, JavaScript,
Python, PHP, Dart, Java

Infrastructure

Amazon Web Services,
Microsoft Azure, Virtual
Machines, Container Apps,
Cloudflare, Vercel

Frontend

React, Vite, Material UI, Vue,
Angular, Flutter, Razor,
Blazor, Figma, Sketch

Databases

MongoDB, MariaDB, Postgres

Backend

Node, Flask, Django, FastAPI,
Laravel, Symfony, Spring
Boot, WordPress, Prisma,
Mongoose

AI

Hugging Face, OpenAI,
Ollama, LangChain,
OpenRouter

DevOps

Git, GitHub, GitLab, GitHub
Actions, Docker Compose,
Kubernetes, SSH, Servers

Architecture

Domain Driven Design, Clean
Architecture, Layered
Architecture