

Theo Steiger

Software engineer and founder building mobile, web, and AI products.

theohsteiger@gmail.com
github.com/theosteige
linkedin.com/in/theodore-steiger

PROFILE

New Union College graduate in Physics and Computer Science with experience across React Native, TypeScript, Node.js, PostgreSQL, Python, AWS, data science, product research, and applied AI workflows.

EXPERIENCE

Software Engineer, Stealth Startup

Jan 2026 - Present

- Built and tested React Native and full-stack web products for photo sharing, project management, maps, todos, organization workflows, and offline-aware uploads.
- Designed backend systems for relational data models, authentication, file upload pipelines, role-aware access control, audit logging, rate limiting, and automated tests.
- Built in-house tools using image, text, and video generation APIs plus FFmpeg, Docker, Vercel, Render, Vitest, Jest, and CI/CD workflows.

Independent Contractor, Confidential Client

Feb 2026 - Apr 2026

- Built TypeScript services across a React frontend and Node.js/Express backend with PostgreSQL, Prisma, Auth0, S3-style storage, Zod validation, and Vitest integration tests.
- Developed AI-powered document review features for classification, structured extraction, citation validation, verification passes, risk reporting, chat over project context, and graph exploration.

Co-founder and CTO, Tapd

Oct 2024 - Present

- Built an MVP iOS application in Swift/Firebase and a TestFlight React Native, Node/Express, PostgreSQL, and AWS product with Cognito, Lambda, REST APIs, and CI/CD.
- Helped secure \$20,000 in seed capital and first place in Union College's SparkLab pitch competition.
- Led user testing, product development, website/landing pages, ecommerce, and university/consumer go-to-market work.

Campus Research Bridge, Union College

Sep 2023 - Aug 2024

- Co-created a market research business connecting companies with college students, then led in-person focus groups and delivered client reports.
- Oversaw engineering of a Django, React, and MongoDB application for online panel discussions and surveys.

Data Science Intern, PlayStudios

Jun 2023 - Aug 2023

- Completed Python survival analyses on simulated user data to study playtime and engagement patterns supporting longer average sessions.
- Helped maintain and deploy an A/B testing inference platform and statistical engine with MLflow.

SELECTED PROJECTS

- **ClawdBot:** self-hosted AI assistant connected to Telegram, GitHub, notes, calendar, tasks, search, and daily planning workflows.
- **Computational Physics:** research project on the elastic pendulum and numerical methods for nonlinear dynamical systems.
- **Video Upscaler:** Python and FFmpeg CLI for improving short-form vertical video quality.

SKILLS

- **Languages:** TypeScript, JavaScript, Python, Swift, Java
- **Frontend:** React, React Native, Next.js, Astro
- **Backend:** Node.js, Express, Prisma, PostgreSQL, MongoDB, REST APIs
- **Cloud/AI:** AWS, Cognito, Lambda, S3, Docker, OpenAI APIs, Claude APIs, FFmpeg
- **Testing:** Vitest, Jest, Supertest, MLflow

EDUCATION

Union College - Physics and Computer Science