Christopher Geiger

Hartford, Connecticut, USA | *github.com/christophergeiger3* | *christophergeiger.dev@gmail.com*
Personal website: *christophergeiger.dev*

TECHNICAL SKILLS

React, Typescript, Javascript, Next.js, NestJS, Node.js, Express, MongoDB, Prisma, GraphQL, Jest, Playwright, Docker, Linux, Bash, HTML, CSS, Git

RELEVANT EXPERIENCE

Fullstack Software Engineer – *Navattic*   *June 2022 - January 2025*
  – Core creator of interactive "builder" tools in Navattic, which allow over 22,000 Navattic app users to create interactive demos of their product.
  – Key contributor in a twenty person startup. Author of 6035 Github contributions, resolving over 776 customer feature requests, triage issues and bug reports.
  – Lead developer on 8 major multi-cycle projects, including tools for customers to create forms in demos, design themes for demo content, create mobile demos, and generate new demos from templates.
  – Introduced accessibility features into demo playback, like focus management, which allowed enterprise clients such as Wells Fargo, Gusto, and Lattice to close deals with Navattic.
  – Tech stack: **React**, **Next.Js**, **GraphQL**, **Prisma**, **Node.js**, **PlanetScale**, **Typescript**, **Nexus**, **Jest**, **Playwright**

Fullstack Software Engineer – *Plex*   *May 2021 – June 2022*
  – Collaborated with a small team to build an internal CMS tool for stakeholders, effectively managing millions of dollars in digital media stock and saving over $612,000 in yearly costs.
  – Created a "Because You Watched" service with **Typescript** and **Redis** which generates movie and tv show recommendations on the homepage of over 15 million active users.
  – Implemented a "Sponsored Hub" feature on the Roku using **Brightscript**.
  – Collaborated with a team to integrate TIDAL streaming service (view) into the Plex app by designing and building an infrastructure to ingest millions of music data objects via FTP

OTHER PROJECTS

The Clipping Project – A fullstack open-source clipping tool with Node.js, Typescript, NestJS, React (MUI), and MongoDB (Mongoose). Uses youtube-dl, FFMPEG, and Node.js to parse, clip, and host video data. (view)

RESIST – An academic paper which examines the vulnerability of iris recognition devices by using adversarial machine learning networks to produce replica iris images from leaked template data (view)

Computational Geometry Design Project – Led a team of programmers to build a serverless web application which solves instances of the art gallery problem with Python, Amazon Lambda, and P5.js. (view)

University of Connecticut Geoscience Research – Saved hours of researcher time by automating experiment processes via Makefiles and bash scripts for the NCAR CESM project. This project is specific to the Linux systems on UCAR Cheyenne (view).

EDUCATION

University of Connecticut
B.S.E. in Computer Science and Engineering, with Honors
Minor: Mathematics