

Jaagrav Seal

Analytical, detail oriented professional with 3+ years of extensive experience as a Full Stack Software Engineer focused on building high quality products and digital experiences

Relevant Experience

Software Engineer 1, **Atlan** Sep 2022 – Present

Product Engineer Intern Sep 2022 – Oct 2023

- Deliver high-quality, robust production code for a diverse array of projects for clients including NASDAQ, Amazon, Netflix, Postman, Algolia, and more.
- Built the Google Sheets Addon for Atlan from scratch that allows data analysts to pull in column and lineage metadata for enrichment.
- Wrote foundation code for Atlan's Github dbt Action that allows data engineers to easily see the downstream impact when they make changes to dbt models on Github.
- Worked on Atlan AI: A pack of multiple Generative AI experiences developed for writing SQL code, enriching metadata, copilot chat, search assets across multiple data sources using Microsoft Azure OpenAI, Python, Langchain, and FastAPI.
- Worked on multiple aspects of the product using Vue3, TypeScript, AppsScript, Office.JS, Microsoft Azure, Google Cloud, Postgres, Python, Golang, FastAPI, Ant Design, TailwindCSS, Monaco Editor, and a lot more.

Frontend Engineer Intern, **Social3** Jun – Aug 2022

- Led the front end team
- Migrated from ReactJS to NextJS styled with MaterialUI, TailwindCSS, and more
- Developed referral and verification mechanisms along with web3 based libraries
- Set up Lens Protocol feed

Software Engineer L2 Intern, **CuriousJr** Oct 2021 – May 2022

Software Engineer L1 Intern Aug – Oct 2021

- Designed and coded courses using Google's No Code Library Blockly. Used 2D game and physics engines like P2 and Phaser to write graphically optimized games for students to make as a part of the courses I designed.
- Mentored 5 interns, working on JS courses and blockly courses

Frontend OpenSource Contributor, **Design & Code** May 2021 – Jan 2022

Contributed to the Branding Website, Poler, Cordion, IndiCov

- Worked with technologies like React, NextJS, Firebase, MaterialUI, DraftJS, React Beautiful Drag and Drop, and more. Poler is a React based PWA where people can easily create polls and share it with their friends. The results get updated in real-time. It uses Firebase in order to register and count polls.
- Cordion is a web app created in order to help you create and edit notes. It features a built in text editor to store your notes in a more organized and attractive manner.
- IndiCov, winner of HackAtHome2 hackathon, it was a platform that worked towards helping patients during the COVID19 pandemic by informing and constantly updating them of the available resources.

Participant (Recess Project), **GirlScript Summer of Code** Mar – May 2021

Contributed to the Recess Project

- Designed and developed the whole new UI/UX of Recess
- Tackling level 3 issues
- Used React, and Material UI and removed all CSS from project
- Introduced new file system and rules for proper contribution

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Skills

Programming Languages

Python, JavaScript, TypeScript, HTML, CSS, Sass, Golang, Swift

Libraries & Frameworks

Vue, React, Next.js, React Native, NodeJS, ExpressJS, Langchain, TailwindCSS, Ant Design, MaterialUI, Socket.io, SwiftUI, Shadcdn

Tools & Platforms

Git, Github, Netlify, Heroku, Render, Vercel, Docker, Userflow, Google Cloud, Figma, Microsoft Azure, MixPanel, LaunchDarkly, RelevanceAI, Postman, Postbird, Orbstack, Visual Studio Code, XCode

Projects

Raycast Vehicle Engine

Drive your favorite 3D car in your threejs world just by uploading the GLTF Model and generating code all on the browser itself! Made with ThreeJS and Cannon-ES

Website: <https://rv-engine.jaagrav.in>

jaagrav.in (v2)

Personal website built with NextJS, TailwindCSS, Scroller Motion, ThreeJS, GLSL Shaders for liquid simulation on home page.

Website: <https://jaagrav.in>

CodeX API

CodeX is an online compiler for various languages like Java, C++, Python, etc. Execute code in various languages on your own website for free with the CodeX API. With over 250 stars on Github.

Website: <https://codex.jaagrav.in>

Education & Achievements

Techno India University West Bengal

Bachelor of Technology in Computer Science and Engineering

Nov 2022 – Aug 2026

Swift Student Challenge Winner 2024

Organised by **Apple**

Link to [prize and other details](#)