376 Graham Avenue Apt 2L, NYC

484-410-1856
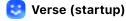aydan.gooneratne@gmail.com

Aydan Gooneratne

aydan.space

github.com/aydangoon

Experience

Fullstack Engineer   Verse (startup)   **July 2023 - Present**

- Built viral website internet bedroom that attracted over 13 million unique visitors in a week.
- As sole fullstack engineer, managed entire backend and web infrastructure to support 1-2 million daily visitors and 10x increase of in-app daily active users.
- Worked closely with Vercel and 3rd party API providers to optimize performance and reduce costs.
- Press: Yahoo News, Billboard, Vercel.

Verse - *visual blog & journaling app*

- Built microservice to dynamically generate videos of user pages, allowing for richer share assets and a more engaging app feed. In the process, contributed to open source software for reading media streams from a headless browser.
- Owner of the web app vertical. Successfully built, deployed, and actively maintain web app, enabling new external growth channel and artist partnerships for marketing campaigns.
- Created context-aware editing assistant using the OpenAI Assistants API. Assistant increased average session time by 20%.

Discz - *social media app for discovering & sharing music*

- Designed and implemented architecture for real time communication in app, enabling DMs and parties—music listening sessions with a shared queue and live chat. First party increased concurrent user traffic around 4x average.

Software Development Engineer Intern   Meta   **May 2022 - Aug 2022**

- Redesigned unit of Facebook Marketplace's mobile home feed, leading to 15% increase in user click-through rate in unit.
- Enhanced AI recommendations retrieval flow with new architecture that reduced network costs for the unit and load times by nearly 30%.
- Developed and refined content and production designs for user interaction parity with similar units across the Facebook platform.

Software Development Engineer Intern   Amazon   **May 2021 - Aug 2021**

- Created an internal dashboard for Amazon One palm reader devices, integrating CloudWatch alarms and logs.
- Feature owner for the dashboard, resolved incoming issue/feature tickets from Amazon One teams, quality assurance teams, and external merchants. Testimonials from 3rd party merchants that the new dashboard significantly improved their experience with launching and debugging active devices.
- Hosted design reviews, gave iterative demos, and coordinated with my team of 10 to improve the dashboard and add new features.
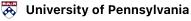
Frontend Developer   Penn Labs   **Feb 2021 - May 2023**

- Developed an administrative dashboard on Penn Clubs for University of Pennsylvania staff to manage extracurricular club eligibility and renewal requests.
- Gathered and completed feature requests from stakeholders including university administration, club leaders, and the student body.

Education

Philadelphia, PA   University of Pennsylvania   **Sept 2019 - May 2023**

- **Major:** Computer and Information Science, B.S.E (in-major GPA: **3.82/4.00**)
- **Relevant Coursework**: Algorithms & Data Structures, Multivariable Calculus, Linear Algebra, Scalable & Cloud Computing, Computer Operating Systems, Interactive Computer Graphics, Compilers & Interpreters, Databases, Internet & Web Systems, Applied Machine Learning

Technical Skills

Experienced ●   Proficient ●   Familiar ●   Adore ❤

Languages		Fullstack	Infra/DevOps	Tools
● typescript ❤	● c++	● next.js	● vercel ❤	● git
● javascript	● bash	● react	● docker	● neovim ❤
● python	● ocaml ❤	● tailwind css ❤	● aws	● amplitude
● sql	● php/hack	● django	● s3	● datadog
● html		● solid.js ❤	● lambda	
● css		● node.js	● ecs	
● graphql		● turborepo	● cdk	
● java		● svelte	● rds	
● c			● open search	

Additional Skills & Interests

- **Music**: I play guitar, bass, produce, and mix! See my work here.