

Shane Goonasekera

Full-stack software engineer focused on building accessible products for the web

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Relevant Experience

Developer – **The Age Collective** June 2023 – Present

- The only developer in a team of three building all the digital products.
- Successfully secured government funding for the project.

Solutions Architect – **Droplinked** Mar 2022

- I contributed significantly to infrastructure planning and frontend development. Additionally, I collaborated with clients like Crashpunks NFTs.

Full-Stack Developer – **LaundryWell** May 2021 – Apr 2023

- Worked on the React rewrite exclusively utilizing Next.js and React-Query optimizing our network calls by 53%.
- Aided with backend scaling to fix server overload during peak usage.
- Wrote several tests mainly utilizing Jest and Cypress.
- Utilized Jira's issue tracking and code reviews software to manage issues and bugs.
- Had daily SCRUM meetings with the development team to ensure proper timeline projections.
- Built order delivery system for drivers to manage pickups and deliveries.

Software Engineer – **Gigturbo** Dec 2019 – Jan 2021

- Lead the frontend engineer team dealing with the transition to React from Angular.
- Wrote several technical documents for the React rewrite expressing what technologies to use and why.
- Leveraged OpenAI's language models to experiment and build multiple products such as a chatbot and recommendation engine.
- Expanded features, managed, and developed a growing community of users while focusing on usability testing and documentation of product use.
- Writing and modifying programs using Agile development methodology.
- Performing software quality assurance testing and participate in code reviews.
- Leveraging machine learning capabilities and 3rd party API's to enhance behavioral and audience targeting capabilities for the platform.

Software Developer Intern – **Intuit** May 2018 – Aug 2018

- Worked on the QuickBooks platform mainly optimizing our dashboard React code.
- Optimized our outgoing network calls by 33% by using techniques such as caching, debouncing, and batching.

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, Python, Golang

Libraries & Frameworks

React, Next.js, Node.js, Express.js, Tailwind, Django, Flask, Postgres, Mongo, GraphQL

Tools & Platforms

Prisma, Supabase, Firebase, Git, GitHub, Vercel, Heroku, Figma, Slack

Selected Projects

The Age Collective

The only developer in a team of three building a platform that celebrates the natural process of aging through captivating stories.

Bonavoy

A web app to help users build and plan their dream trips. In its current state, users can register, log in, plan a trip, and make a simple itinerary.

goonasekera.com

A regularly updated personal website showcasing my ongoing career journey, incorporating new skills and knowledge gained each year.

Education

University of Alberta

Bachelor of Science in Computer Science with a minor in Economics

Interests

NLP, AI, Video games, Football, Computers