

# Menushka Weeratunga

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## WORK EXPERIENCE

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### Amplitude

August 2024 – Present

Senior Software Engineer

San Francisco, CA

- Converted library of over 50 legacy components from CSS modules and vanilla-extract to TailwindCSS to improve scalability and bundle size, resulting in a 15% improvement of Time to Interactive (TTI) score
- Migrate legacy image rendering service to new micro service, reducing cost by 50% while improving latency and throughput by 30%

### Medal.tv

June 2021 – July 2024

Full Stack Software Engineer

New York, NY

- Led a team of 4 engineers migrating web pages to Next.js, achieving a 90% reduction in load times and a perfect 100% PageSpeed score
- Overhauled legacy tooling by switching to faster package managers, updating formatters and linters, and migrating to Typescript, resulting in 50% faster CI/CD pipelines and 15% lower error rate
- Improved targeted advertising capabilities to include user location, language and interests, resulting in a 20% increase in ad engagement

### Loop Team

September 2019 - June 2021

Mobile & Web Software Engineer

San Francisco, CA

- Built a comprehensive iOS app from an existing web product, achieving 100% feature parity with the mobile version and 80% feature parity with the desktop version
- Upgraded the build process to Webpack 5, optimizing existing configurations and bring down the overall bundle size by 30%, improving both in-app performance and decreasing download time for users
- Modernized and abstracted the popover system, reducing over 200 lines of boilerplate code per instance, which simplified the codebase and enhanced maintainability

### Taplane Inc

April 2016 – September 2019

Software Developer

Windsor, ON

- Managed a library of 20 native Android and iOS apps, deploying of updates and fixes for over 100,000 users
- Created a reusable Unity library for login and payment processing, reducing development time by 30% and cutting over 1000 lines of redundant code per project

## AWARDS

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### Best Application of Conversational AI Using The Cline AI Platform Award

MHacks 11

CureAI

Ann Arbor, MI

Founded a chat application capable of assisting users with mental health issues and helping find more help

### 2nd Place Award

SpartaHack 2017

LubDub

East Lansing, MI

Engineered a web application to read audio waveforms from a stethoscope and diagnose heart health conditions

### Best Use of Linode Services Award

MHacks 8

Relay

Detroit, MI

Launched a replacement for emergency response systems to send vital info to first responders to save time

### Best Use of Twilio API Award

UofTHacks III

commandSMS

Toronto, ON

Created a mobile and server application allowing users to send commands to remote servers through SMS

## PROJECTS

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### Daily Wallpaper

[daily-wallpaper.menushka.ca](https://daily-wallpaper.menushka.ca)

A service that generates gorgeous AI wallpapers with Stable Diffusion XL and automatically changes your iPhone wallpaper to a new one every day

### iOS Tweak Store

[repo.menushka.ca](https://repo.menushka.ca)

Launched and maintained marketplace for apps / tweaks for jailbroken iOS devices with over 200 sales and more than 10,000 downloads worldwide

### next-cookie-everywhere

[github.com/menushka/next-cookie-everywhere](https://github.com/menushka/next-cookie-everywhere)

Crafted a helper library to access cookies on both server and client side in NextJS 13 via one method call

### genshindev-graphql

[github.com/menushka/genshindev-graphql](https://github.com/menushka/genshindev-graphql)

Developed a GraphQL wrapper around genshin.dev and deployed it via AWS Lambda

### JokeGPT

[github.com/menushka/jokegpt](https://github.com/menushka/jokegpt)

Built a NextJS website to interface with ChatGPT 3.5 Turbo and generated jokes given a starting prompt

### cards

[github.com/menushka/cards](https://github.com/menushka/cards)

Engineered a self hostable dashboard designed for use with Unraid and Docker for home servers

### WhereToDrop

[github.com/menushka/WhereToDrop](https://github.com/menushka/WhereToDrop)

Devised a native MacOS app to customize the location where AirDrop files are saved to when received

## SKILLS

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**Languages** - TypeScript, JavaScript, C#, Python, C++, Objective-C, Swift, Kotlin, Java, HTML/CSS

**Frontend** - React, Redux, Angular, Vue.js, Next.js, Svelte, Electron, Tauri, Unity, Swing, SwiftUI, React Native

**Backend** - Node.js, Express, Socket.io, GraphQL, Apollo Server, Django, Flask, Spring

**Testing** - Jest, Selenium, Puppeteer, Playwright, JUnit, Mockito

**Cloud** - Cloudflare, Google Cloud Platform, AWS, Vercel, Kubernetes

**Databases** - MySQL, SQLite, MongoDB, CockroachDB, PostgreSQL, Redis

**Tools** - Git, GitHub, Bitbucket, Terraform, Docker, Docker Compose, Vagrant, Webpack

## EDUCATION

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### Georgia Institute of Technology

*M.Sc. in Computer Science*

**April 2024 - Present**

*Atlanta, GA*

### University of Windsor

*B.A.Sc in Electrical Engineering with a Minor in Mathematics*

**Sept 2015 - August 2019**

*Windsor, ON*

- Dean's Scholarship Award - 90% Entrance average
- Outstanding Scholars Member - Top 5% of University
- John William Beveridge Award - Community involvement

### Stanford Online

*Supervised Machine Learning: Regression and Classification*

**Oct 2018**

*Stanford, CA*

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