

Menushka Weeratunga

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WORK EXPERIENCE

Medal.tv

June 2021 – Present

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
- Designed and implemented a scalable sitemap generation system that accommodates over one million new web pages per week
- 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
- Revamped SEO strategy by integrating modern standards and streamlining website architecture, achieving a 20% increase in organic traffic and a 10% boost in conversion rates within 6 months

Loop Team

September 2019 - June 2021

Mobile & Web Software Engineer

San Francisco, LA

- 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, overseeing the deployment of updates and bug fixes for over 100,000 users
- Implemented a robust real-time multiplayer server capable of supporting over 1000 concurrent users, ensuring high availability and low latency
- 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

Best Application of Conversational AI Using The Clinc 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

Daily Wallpaper

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

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

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

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

JokeGPT

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

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

WhereToDrop

github.com/menushka/WhereToDrop

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

SKILLS

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, Jersey

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

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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