Michael Deng

750 Bay St #3005
Toronto, ON M5G 1N6
647-995-2707

michaeldeng55@gmail.com
[Personal Portfolio](#)
[LinkedIn](#)
[Github](#)

CORE COMPETENCIES

Experienced software engineer with a rich 2 years of self-directed and freelance work, crafting innovative and modern solutions. Outstanding in teamwork, analytical thinking, and interpersonal communication.

PROJECTS

HearthDBT
https://hearthdbt.netlify.app/
Apr 2023 - Sept 2023
React, NodeJS, MySQL, AWS, EC2, Netlify, SCSS, Figma
Collected end-user data to design and develop a full stack web application to teach mental health therapy (DBT). Communicates to AWS RDS instance using serverless functions. Released to 30+ MAU, responded to feedback by maintaining codebase, test, and deploy improvements.

Task Manager
Oct 2023
Redux, Typescript, Redis, Python, Django, TailwindCSS
Task tracker that stores state on redux & react, calls custom APIs on Python/Django server and posts data to Redis cache/DB.

Personal Portfolio
Sept 2023
NextJS, Typescript, ThreeJS, TailwindCSS
Designed and developed personal website to showcase projects and competencies. Custom 3D graphics using ThreeJS and WebGL.

Location Finder
Aug 2023
Vue, Google Cloud
Embedded Google Map with Autocomplete, Web API integration to track locations on a Vue frontend.

Scobaby
https://scobaby-570a2.web.app/
Dec 2022
React, Heroku, SCSS
Designed and developed digital storefront. User purchases are tracked and posted to backend, orders created and submitted to be fulfilled by owner. Custom admin page to keep logs of current inventory and costs.

UI Wireframes and Mockups
Aug 2022 - July 2023
Figma
Development of visual mock ups using Figma and Adobe Creative Cloud (Illustrator, Photoshop) to better communicate ideas and showcase proposed work

---

WORK EXPERIENCE

Community Mental Health Registered Nurse
Humber River Hospital / COTA
Jun 2017 - Current
- Lead nursing team in a highly autonomous and acute environment, training 6 nurses in proper procedure.
- Established forefront team in initiative to treat critical patients with mental health and addiction issues.

EDUCATION

Brainstation
Software Engineering Program (2023)
Ryerson University
Bachelors of Science in Nursing (2013-2017)

LANGUAGES

- English (Native)
- Mandarin Chinese (Fluent)