

# Neha Mailvakanan

Enthusiastic developer willing to make greater contribution through hard effort to the team's success. Very careful to obtain additional knowledge to gain great organizational abilities. Gained expertise in the development and training of Popular Web Libraries and Frameworks in Full Stack Web Development Projects.

## PROJECTS

### Meow It – Find your clowder!

Anonymous Location based social media – safe for children.

<https://meowit.pages.dev> 

- Used Express to build RESTful APIs. Vanilla JS for the UI for speed and performance and MongoDB for the database.
- Service worker and IDB to serve content offline.

### Cool Service Worker

Generate a cool service worker in an instant – make everything work offline.

<https://coolsw.pages.dev/> 

- Make every web app work offline with app like capabilities with the service worker generated by this web app. Written with TypeScript for the generator and Vanilla JS for the UI
- Never worry about touching a single line of JS

### Chroma Check

Discover your true colors: VR-powered color blindness assessment with Ishihara test.

<https://vr-colortest.netlify.app>

- Virtual reality-based color blindness assessment providing accurate results, empowering easy self-detection without specialized equipment or clinic visits.

### Neuro VR

Explore the human brain with WebXR.

<https://brain-visualization.netlify.app>

- From the cerebral cortex to the medulla oblongata, delve into the depths of the brain.

### Talk – Disposable Private Messenger

An End-to-end encrypted decentralized platform

<https://talk.adaptable.app/>

- Real-time messaging with socket.io, express and pug, ensuring user conversations vanish on disconnection.

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## SKILLS

### Web & Front End

- HTML, CSS, JS
- jQuery
- React.js
- PUG
- Git

### Database

- NoSQL (MongoDB, Deta Base)
- SQL (Oracle SQL\*Plus, MySQL)

### Web Technologies

- WebXR
- Service Worker
- WebSocket

### Backend

- REST
- PHP
- Express.js

### UI / UX Prototyping

- Figma

### Multipurpose

- C++
- Java

## EDUCATION

### B. Tech Information Technology

Madras Institute of Technology

2020 - now Chennai, India

CGPA: 9.22