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# MEHER GILL | FRONTEND ENGINEER

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## SKILLS

- **Frontend-Frameworks**
  - **React:** Vite, CRA, Next JS
- **Mobile**
  - **Hybrid:** React-Native, Flutter
  - **Native:** Android (Java/Kotlin), iOS (Swift)
- **CSS Libraries**
  - **Web:** Tailwind, Material UI, Styled Components
  - **Mobile:** Native-base
- **Cloud**
  - **Azure:** Azure Fundamentals Certified
- **Languages**
  - Javascript (ES6), Typescript, Python, Java, Kotlin, Swift, Dart
- **Database:** MySQL, Firebase
- **Backend-Frameworks**
  - **Express JS:** Node
- **Agile Methodology**
  - Ran Standup and retros
  - Client-Facing Communication Expert.
  - Team worker

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## PROFESSIONAL EXPERIENCE

### Publicis Sapient

Frontend engineer | March 2021 - May 2023

- **Essential Energy**
  - As a valuable member of a collaborative team, I actively contributed to the development of a React JS dashboard and a React-Native mobile app for a prominent energy company based in New South Wales.
  - Utilizing styled-components and native base, I ensured visually appealing and seamless user experiences.
  - I had the privilege of being the sole developer for a critical bid that demanded proficiency in both React and React-Native. Through my efforts, we secured the bid, which resulted in generating a few million dollars for Sapient and contributing to significant business growth.
  - My responsibilities included but were not limited to adding camera functionality (using react-native-vision-camera), implementing efficient caching (using AsyncStorage and redux-persist), implementing polling, and developing APIs and components in strict accordance with wireframes.
  - I am proud to highlight that the client expressed utmost satisfaction with the end project, as documented in sprint retrospectives and reviews, further validating the quality and success of our work.
  - Furthermore, I played a pivotal role in mentoring and assisting in the onboarding of new graduates, fostering a collaborative and knowledge-sharing environment that contributed to our team's overall success.
- **Westpac**
  - Worked with D365, specializing in making forms and writing business rules.
  - Demonstrated resourcefulness by developing a unique solution for file transfer, which involved creating a custom compression algorithm.
  - Actively collaborated with clients to identify and implement tailored solutions aligned with their specific needs and objectives.

- **Internal**

- **Gesture Mute:** An app allowed you to control Microsoft Teams actions based on your gestures, for example, making a fist on video will cause you to be muted on teams
  - Sole developer of the app which was made using OpenCV and mediapipe
  - The app caused an increase in people turning on their videos at meetings
- **Coffee Roulette:** Made and managed an app that aims to facilitate networking and foster connections within our office environment. It randomly pairs individuals from a pool of N people, encouraging them to engage in informal conversations and build professional relationships.
  - The app utilizes a modified version of Dijkstra's longest path algorithm to ensure that the pairs formed are relevant and meaningful. By considering factors such as department, role, and common interests, the algorithm intelligently matches individuals who are likely to benefit from interacting with each other.
  - Caused a noticeable increase in office activity
- **Hackathon #1:** Part of a global AEM hackathon where I was in charge of developing the frontend. We came 1st and were awarded with the best overall solution
- **Hackathon #2:** Part of a company-wide global hackathon where we made a solution using Next JS and were part of the finalists.
- **Hackathon #3:** Part of another company-wide global hackathon where we made a solution using react-native, native-base with Chat GPT integrated chatbot and we were the semi finalists.

## **Cenitex (Internship)**

System Administrator | June 2018 - December 2018

- **Core responsibilities**

- Wrote bash and PowerShell scripts to query through Active Directory and e-Director
- Used React JS and Node JS to create a small webform that extracts and decodes information using a SAML token (provided by ADFS login) and it is then used to submit ADFS application requests

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## **EDUCATION**

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Bachelors of Software Engineering (Hons) | July 2016 - Dec 2020

**Monash University**

References available upon request