**Mahesh Kumar**

**Portfolio:** [***https://krmahi.github.io/portfolio-bento-ui***](https://krmahi.github.io/portfolio-bento-ui)

**PROFESSIONAL SUMMARY**

Been successful at managing multiple priorities with a cheerful outlook. Willing to take on added responsibilities to meet team goals.

**WORK HISTORY**

**Trustedwear Tech – Software Developer Intern**

*Delhi Ncr, India*

*02/2024 – 04/2024*

* Contributed to cross-platform mobile and smartwatch app development using Kotlin, Swift, and React Native (Expo & CLI).
* Designed and implemented intuitive UI/UX interfaces with Squareline Studio and LVGL.
* Tackled UI rendering challenges and optimized responsiveness for smartwatch interfaces under resource constraints.

**AWS – Cloud Architecture Intern**

*09/2023 – 11/2023*

* Managed cloud VMs, SMB workloads, and optimized storage using CLI and bucket configurations.
* Used BigQuery and Looker to extract insights and visualize data; integrated ML APIs for smarter workflows.
* Improved poisoned data extraction by 20% in the capstone project, enhancing data processing accuracy.

**PROJECTS**

**Autonomous Vehicle Localization and Navigation (Simulink, Unreal Engine) |** *MatLab, C++ (July 2023 – Present)*

* Led development of dynamic simulation scenario integrating lidar, INS, camera sensors, and vehicle navigation in Unreal Engine's simulator.
* Developed algorithms for real-time traffic light recognition and decision-making planners.
* Demonstrated significant advancements in autonomous vehicle navigation, contributing to the evolution of self-driving technology.
* **Skills:** Simulink Stateflow Unreal Engine

**SecondLife – Cross Platform App |** *React Native, Expo-cli (Apr 2024 – June 2024)*

* Developed a React Native (expoGo) app for easy online buying and selling of used items with seamless backend using NodeJs.
* Implemented animations, smooth user authentication, and image caching using AsyncCache for enhanced user experience.
* Utilized custom hooks, form validation, push notifications for seamless navigation and routed various props for various custom components.
* **Skills:**ReactNative Expo-Cli Js SecureStorage JwtTokens apiSauce NodeJs
* **Link:** [***https://github.com/krmahi/SecondLife***](https://github.com/krmahi/SecondLife)

**Personal Portfolio |** *Figma, React, Html, Css, Js (Dec 2023 - Present)*

* Designed and deployed a dynamic React portfolio with a Bento-style UI, highlighting skills, projects, and achievements through a clean and organized layout for a modern and scalable web presence.
* **Skills:**Typescript, React, Sass / Scss, Gsap
* **Link:** [***https://krmahi.github.io/portfolio-bento-ui***](https://krmahi.github.io/portfolio-bento-ui)

**GENDER RECOGNITION USING VOICE (GUI) |** *Python, R (Aug 2022 – Jan 2024)*

* Developed a Gender Recognition System comparing different ML Algorithms for different Voice Samples.
* Trained the system using a large dataset of male and female voice.
* **Ver. 2.0.**: Implemented A.I. to increase the dataset on every use and Build a GUI for the programme and published it into a software [**(VoiceGenix)**](https://github.com/krmahi/Gender-recognition-using-voice-GUI/releases/tag/ver-2.0)**.**
* **Skills:** Machine Learning Data Collection Data Analysis Research and Analysis
* **Link:** [***https://github.com/krmahi/Gender-recognition-using-voice-GUI***](https://github.com/krmahi/Gender-recognition-using-voice-GUI)

Indore, India

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**WEBSITES, PROFILES**

* **LinkedIn: *https://www.linkedin.com/in/mahikr***
* **GitHub:** ***https://github.com/krmahi***
* **Unstop:** [***https://unstop.com/u/mahi\_kr\_\_***](https://unstop.com/u/mahi_kr__)
* **Figma:** [***https://www.figma.com/@mahi3***](https://www.figma.com/@mahi3)

**SKILLS**

* C, C++ Proficiency
* Python
* Frontend Frameworks, JavaScript
* ReactJS, React Native, Expo-cli
* MYSQL / NOSQL (MongoDB)
* Machine Learning
* Git Proficiency
* Artificial Intelligence
* Cloud Computing (AWS & Google Cloud)
* RESTful API
* Problem Solving

**EDUCATION**

*11/2020 - 07/2024*

**G.L. Bajaj Institute of Technology and Management |** Delhi NCR, India

**Bachelor of Technology**: Computer Science

And Engineering

* **8.23** *CGPA*

*04/2019 - 03/2020*

**Army Public School |** India

**Intermediate**

* Final Grade: **89%**
* Completed Coursework: **Science and**

**Maths**

*04/2017 - 03/2018*

**Army Public School |** India

**High School**

* Final Grade: **87.83%**

**CERTIFICATIONS**

* Certified C++ | Coding Ninja
* Clearance to 2nd round of Times Spark | Times

of India

* Data Structures and Algorithms in Python | Google
* Google Cloud Arcade Facilitator | Google Cloud
* Cloud Architecture and Fundamentals | AWS Academy
* Problem Solving | HackerRank
* Data Science | Infosys
* Ssoc (social summer of code) season 2