

Mahesh Kumar

Portfolio: <https://krmahi.github.io/portfolio-bento-ui>

Indore, India
7007204749
mahesh.kr.2277@gmail.com

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

- Engaged in Cross - Platform App development process for the Mobile App and Smartwatch Application interface by the Company.
- Used tech stack native Kotlin, Swift and React Native – Expo and Cli for cross-platform development.
- Applied UI/UX design principles for intuitive user interfaces using Squareline studio and LVGL.

AWS – Cloud Architecture Intern

09/2023 – 11/2023

- Managing Virtual Machines on cloud, SMB Workloads and Optimizing Storage Usage, Operating on CLI's, Creating Storage Buckets.
- Extracting Insights with BigQuery, Exploring Data with Looker, Integrating Machine Learning APIs, successfully completed a Capstone project.

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>

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>

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**).
- Skills:** [Machine Learning](#) [Data Collection](#) [Data Analysis](#) [Research and Analysis](#)
- Link:** <https://github.com/krmahi/Gender-recognition-using-voice-GUI>

WEBSITES, PROFILES

- LinkedIn:** <https://www.linkedin.com/in/mahikr>
- GitHub:** <https://github.com/krmahi>
- Unstop:** https://unstop.com/u/mahi_kr__
- Figma:** <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