# KARTIK CHAWDA

Frontend Developer | Mumbai

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## RELEVANT SKILLS

Android • Java • Kotlin • Bootstrap • JavaScript • React • React Native • Next.js • Git • AWS Amplify • Android Jetpack • PHP • TypeScript • MySQL • Express

## PROFESSIONAL EXPERIENCE

**Just Dial, Bengaluru, India**
*Software Engineer*                                                                         *February 2023–Present*

- Developing and Maintaining Non Paid Data - Entry Module using **React.** For maintaining data we are using MySQL Database and for communication with frontend, Backend is developed using **express** and some standalone API's using PHP. Webpack as a Module Bundler is used to build project during production.

**ECARMA - Common Area Maintenance Experts, Bengaluru, India**
*Frontend Developer*                                                                   *October 2021–February 2023*

- Developing ECARMA Management website using **Next.js and Typescript**. With the help of **GraphQL** microservices, we are connecting backend building interfaces for backend and frontend communication. Using **Storybook** for building UI Components and pages for easier UI Development, testing, and documentation.

**Admire Asia, Pune, India**
*Freelancer Software Engineer – Full Stack*                                             *October 2021–Jan 2022*

- Admire Asia is a Luxury Travel Company that plans luxury trips in Asian countries.
- Developed the landing page for Admire Asia where users can plan trips for themselves and get details regarding the company.
- Designed Admin Panel used by the company to manipulate their App's data and follow their business metrics.
- Tech Stack and Frameworks: **HTML, CSS, JavaScript, React, Context API, Next.js**
- Website: **Click Here**

## PROJECTS

**Smart Irrigation System App**

- Nareshwadi Learning Centre has 12-acre farm where underground water supply is connected. Employees working over there manually operates water flow in the farm. They wanted to Automate the farm.
- **AWS Amplify** Authentication was set up where on Cognito Userpools, users are added manually and their details are mailed.
- API Exposing **Lambda Function** secured with AWSAuth is called to render the list of Active Valves.
- Using **AWS Pub/Sub** Messaging, pump ON/OFF request is published and valve gets ON or OFF.
- Demo: **Click Here**    GitHub: **Click Here**

**Measure Visual Acuity (MVA)**

- Visual Acuity (clearness of vision), usually measured by an eye doctor using a eye chart. You have to visit eye center and then Doctor measures your visual acuity. MVA helps to calculate Visual Acuity of Patient at Home.
- Display App: Socket Connection which receives letters from the backend and is displayed on the screen. The patient read those letters.
- Remote App: Sends letter requests and the server sends letters to both apps.
- Patient read the letters on Display App and accordingly Volunteer marks whether read letter is correct or not.
- Based on these inputs Visual Acuity is calculated by the Android app.
- Tech Stack and Frameworks: **Android, Java, Socket.io, Retrofit**
- Demo: **Click Here**    GitHub: **Click Here**

## EDUCATION

**K.J. Somaiya Institute of Engineering and Information Technology, Mumbai, India**                                    *June 2021*
*B.E. Computer Engineering* (GPA: 8.77 / 10)

## ACHIEVEMENTS

- Winner of Smart India Hackathon (Software Edition), 2019 conducted by AICTE.
- Selected for Regional Convention of AICTE-Chhatra Vishwakarma Awards '19.
- 1$^{st}$ prize under Societal Category for the concept "Vehicular Ad-Hoc Network and IoT" in Idea Competition organized by KJSIEIT-IIC.
- Winners of DEVSOC 2021 organized Vellore Institute of Technology, Vellore, Tamil Nadu where we presented the Measure Visual Acuity Project.