

Kartikey Mahawar

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PROFESSIONAL SUMMARY

Full-stack developer with over a year of experience in designing and building mobile, web, and desktop applications. Skilled in creating scalable **cross-platform** solutions using **Flutter**, **React Native**, and **React.js**. Proficient in backend development with **Node.js**, **Express.js**, **TypeScript**, and **gRPC**, and experienced in managing databases like **MongoDB**, **Firebase**, **Neo4j**, and **SQL**. Passionate about delivering efficient, cloud-based systems with real-time updates and well-architected designs.

SKILLS

Programming Languages: C++, C, Javascript, Typescript, Dart, Kotlin, Java, Python, C#
Libraries/Frameworks/Tech Stacks: Flutter React Native, React.js, HTML, CSS, DotNet Maui, Docker, Nodejs, gRPC
Databases: SQL, MongoDB, Firebase, Neo4j, Supabase, Postgress
Core: Data Structures and Algorithms, Object Oriented Design, Operating Systems, Database Management System

EXPERIENCE

Amiltus | Flutter Lead Developer 12/2023 – present | Bareilly, India

- Spearheaded the development of a **B2B real estate management solution**, reducing development time by 15% and boosting team efficiency by 20% through effective leadership and streamlined processes.
- Engineered **internal and external APIs** using Express.js and TypeScript, implementing a **Graph-Based Access Control (GBAC)** system with **Neo4j** database for robust role and permission management.
- Enhanced system performance by integrating **cloud telephony** for direct client-customer communication, developing a **file caching system with Hive DB**, and implementing **TypeSense** for advanced search capabilities.
- Optimized data flow by implementing **gRPC** and **WebSocket** technologies, ensuring **real-time updates** and improving system responsiveness.
- Designed and developed a **cross-platform application** for macOS, iOS, Android, Windows, and web, resulting in a 10% improvement in average loading time and seamless user experience across devices.

Wells Fargo | Software Developer Intern 06/2023 – 08/2023 | Hyderabad, India

- Spearheaded **React** development for the project, focusing on creating a adaptable and user-friendly frontend.
- Collaborated with AIML developers to seamlessly integrate **model-based predictions** into the project.
- Implemented real-time updates on the frontend using **Socket.io** and **MongoDB**, ensuring responsive user interfaces.

Andwemet | React Native Developer Intern 02/2022 – 04/2022

- Took on the role of a React Native Developer, actively contributing to the development of innovative features for the application.
- Collaborated effectively with team members to identify and resolve issues in the existing application, resulting in a **50% reduction in crash rates** and a **25% increase in user retention** within two months.
- Implemented **optimizations** to improve the app's performance, ensuring a smooth and efficient user interface

PROJECTS

Mongo Chat Dart

- Developed and published a **Dart package** for implementing chat functionality
- Features include **user management**, **direct messaging**, **group chats**, **read receipts**, **real-time updates**, etc.
- Integrates with **MongoDB** for scalable data storage and management
- Designed for **easy setup** and implementation in Dart applications

Educazy

- Developed an inclusive educational platform for **specially-abled students**. Implemented features such as **voice controlled bot**, online classes with **sign language to text conversion**, and **text to Braille**.
- Technologies Used: Utilized Flutter, React, TensorFlow, and Mediapipe for a versatile and accessible learning environment.

DotPay

- Developed a neobank platform enabling users to create custom labels for transactions, invest in **community projects**, and earn **ERC20 tokens** as participation incentives.
- Utilized Flutter and API integration to extract information generated by the model for seamless platform functionality.

EDUCATION

SRM Institute of Science and Technology 2020 – 2024 | Chennai, India

B.Tech Computer Science with specialization in Internet of Things
Aggregate: 8.25 CGPA

Hartmann College (ICSE Board) 03/2018 – 02/2020 | Bareilly, India

Percentage (class 10th) : 80.25%
Percentage (class 12th) : 86.25%

AWARDS

Nasscom Academic Grand Challenge (Wells Fargo Hackathon), 1st prize winner	02/2023
Smart India Hackathon 2022, 1st prize winner	08/2022
Bajaj Finserv Hackrx 3.0, Third prize winner	06/2022
Defence Innovation Hackathon, 1st prize winner	05/2022
Hack The Mountains 2.0, 3rd prize winner	06/2021

POSITION OF RESPONSIBILITY

App developer Head | Coding Ninjas Club SRM 2021 – 2023

Mentored and guided 30+ students and completed 4 full fledged working apps

App Developer Lead | Gen-y Club SRM 2021 – 2023

Mentored and developed 5 cross platform apps including the club app

