



HARSH M YADAV

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Education

PDPM IIITDM Jabalpur

Nov. 2020 – May 2024

Bachelor of Technology in Electronics and Communication Engineering

Technical Skills

Languages: C++, Swift, Golang (Go), Python, HTTP, Shell Scripting

Framework: SwiftUI, UIKit, Firebase

Developer Tools: VS Code, XCode, Git/GitHub, MySQL, AWS, Docker, Linux

Databases: ScyllaDB, ClickhouseDB, PostgreSQL, SQL

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networking

Networking & APIs: REST API, GraphQL, Nats

Work Experience

SDE - Backend | [SAMESPACE](#)

June 2024 - Present

- Redesigned and Redeveloped core functionalities for major Product, implementing new ones to improve performance, scalability, and user experience.
- Leveraged **Golang, NATS (streaming), ScyllaDB, and ClickHouse, GraphQL** to deliver **high-performance, scalable backend solutions**, incorporating search engine technologies for enhanced functionality.
- Using **gRPC** integrated in-house AI services to enhance product capabilities, providing intelligent features.
- Optimized APIs and database queries, **improving response times by 150ms** and reducing codebase size by 40

Engineering Intern - iOS | [ZUDDL](#)

December 2023 - May 2024

- Implemented **dynamic UI creation controlled by backend logic**, providing responsive and interactive user experiences.
- Focused on continuous **code optimization to improve application performance**, scalability, and user experience.
- Collaborated with cross-functional teams, including Backend engineers and QA testers, to oversee the end-to-end software development lifecycle, **deploying production-ready features**

iOS Developer Intern | [CURIE MICROELECTRONICS](#)

May 2023 - June 2023

- Implemented **Bluetooth Low Energy (BLE)** connectivity using CoreBluetooth, enabling users to connect their medical devices securely.
- Implemented **data visualization** features, enabling users to view graphical representations of various health readings

iOS Developer Intern | [PLAXONIC](#)

May 2022 - July 2022

- Utilized advanced troubleshooting knowledge to maintain and stabilize critical legacy code, resolving complex bugs
- Leveraged **Google Maps API** and **Core Location** to create innovative geolocation features in a prototype application for internal projects.

Projects

UPASTHIT | *Firebase, Realm Database, SwiftUI, CoreBluetooth, Networking*

May 2023

- Developed an innovative attendance management solution that automates the process, eliminating the need for manual tracking and improving efficiency. Resulting in a **Patent** application, showcasing the project's novelty and potential for future impact.
- Led a team in creating user-friendly, **native iOS and Android applications**, ensuring accessibility across a wide range of devices.

Achievements

- Successfully competed in the HackByte 2023 competition, advancing to the final round.
- Solved **800+ Data Structures and Algorithms problems** on various reputed Platforms like [Leetcode](#), [GeeksforGeeks](#), [InterviewBit](#).

Extracurricular

- Worked as a member of the **National Service Scheme (NSS)** which works to identify the needs and problems of the community and drive exercises such as blood donation camps and tree plantation drives.