

SAHIL TIWADE

Pune, Maharashtra



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linkedin



leetcode



github

Education

Pune Institute of Computer Technology

Bachelor of Engineering in Information Technology (CGPA : 8.69)

June 2021 – June 2025

Pune, Maharashtra

Experience

Gauge.ro |

Software Developer Intern

Aug 2023 - Nov 2023

Bangalore, Karnataka

- Collaborated on the design and development of a cutting-edge mobile application aimed at seamlessly connecting Smart Water Filters with smartphones.
- Developed some user-friendly and intuitive User Interface, ensuring a smooth and engaging user experience and Successfully integrated APIs to enable real-time communication between the app and Smart Water Filter Sensors, enhancing user control and monitoring capabilities.
- Contributed to the app's functionality by developing 25-30 mobile screens and implementing features that allowed users to remotely monitor water quality, adjust filtration settings, and receive timely filter replacement notifications.
- , also developed closely with cross-functional teams including designers, backend developers, and quality assurance testers to ensure a cohesive and polished final product.
- Actively participated in team brainstorming sessions to conceptualize and refine app features, considering both user needs and technical feasibility.

Projects

SNB Parking App | *Flutter, Firebase* |

Jan 2024 - March 2024

- Developed a Android application for managing parking at a event (SNB Event), handling data for over 100,000 vehicles.
- Integrated Firebase to store vehicle information and owner details, ensuring robust data management and retrieval.
- Implemented a real-time feature to monitor parking space occupancy, facilitating efficient vehicle redirection when the parking is full.
- Optimized the application to handle high write operations, managing around 200,000 writes per day.

Krishak Farma App | *Flutter, Firebase, Machine Learning* |

Aug 2023 - Nov 2023

- Developed a Flutter and Firebase app to help farmers sell their crops directly to dealers at the best price.
- Improved a feature of cutting-edge bidding system enabling farmers to showcase products, set prices, and engage dealers through transparent bidding.
- Integrated machine learning for real-time market insights.
- Designed user-friendly profiles for both farmers and dealers, allowing them to showcase their offerings and preferences. The app facilitates efficient communication between farmers and dealers, streamlining the on-boarding process

Technical Skills

Languages: C++, Java, Python, My SQL, Dart, Javascript, HTML, CSS, MongoDB

Developer Tools: VS Code, Google Cloud Platform, Android Studio, Firebase

Technologies/Frameworks: GitHub, Flutter, NodeJs, ReactJs, Linux, MacOS

Achievements

- Knight on Leet Code (Maximum Rating : 1974)
- Achieved global rank 814 out of 20000 participants in Leet Code Weekly Contest 374.
- Solved around 600-700 Questions on different platforms like leetcode, codestudio, codechef, etc.
- Secured global rank 754 in Codechef September-2022 long challenge Div 3

Relevant Coursework

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|----------------------------------|------------------------|-----------------------|---------------------|
| • Data structures and Algorithms | • Software Methodology | • DBMS | • Computer Networks |
| | • Algorithms Analysis | • Distributed Systems | • Operating System |