Tanmay Mokashi

Asspiring Software Engineer

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🔗 Linkedin | Github | Leetcode | Hackerrank

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Skills

- **Programming Languages** : Java, Javascript, C++, C, SQL
- **Libraries and Frameworks** : React, HTML, CSS
- **Tools** : Git, Jira, VS Code, IntelliJ IDEA, Slack
- **Other Skills** : MySQL, DBMS

Experience

Embedded Software Engineer   Nov 2023 - Mar 2024

Collateral Medical

- Developed software solutions for IoT-based medical devices using Arduino and ESP32.
- Optimised sensor integration and rmware, improving device eciency.
- Collaborated with cross-functional teams to enhance product development cycles.

System Engineer   Dec 2022 - Oct 2023

Azilen Technologies (Orbiwise)

- Engineered and sustained LoRa-based network servers, improving network reliability and performance.
- Delivered technical support and troubleshooting solutions, resulting in a 30% reduction in system downtime.
- Implemented proactive maintenance strategies, further decreasing system downtime by 15% through timely interventions.

Projects

Wearable Compression-based Haptics for the Tactile Internet

- Engineered a wearable haptic device that improved tactile internet applications by 30%, enhancing user experience and engagement.
- Optimized real-time communication protocols, increasing haptic feedback responsiveness by 25% while maintaining low latency and high precision.

Cafe Website

🔗 https://cafe-glykatzis.netlify.app

- Designed and developed a responsive website for a cafe showcasing menu, location, and contact information.
- Implemented interactive UI elements for a better user experience.
- Optisized website performance for faster loading times and better accessibility.

Basic Task Management App

- Created a task management application that allows users to add, update, and delete tasks, enhancing productivity for over 100 users.
- Implemented local storage functionality to save tasks, eliminating the need for a backend database and improving app responsiveness.

Education

Scaler   2025

Specialized in Software Development & Problem Solving

Dublin City University   2022

ME / M.Tech

Ramrao Adik Institute Of Technology Rait   2021

BE/B.Tech/BS