

Sarvesh Khamkar

Software Developer

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Skills

- Java | Kotlin | Linux | MySQL | PostgreSQL | MongoDB | NoSQL | Kotlin Jetpack Compose | Git | OOP
- SpringBoot | Node Js | Spring Boot MVC | RESTful APIs | Hibernate | Spring Boot Data JPA | RestClient | Lambda
- System Design | Distributed Systems | Operating System | English, Hindi, Marathi – All professional proficiency or above

Education

Bachelor of Engineering

CPGI: 8.94

University of
Mumbai

Fr. Conceicao Rodrigues
Institute of Technology

12/2020 - 06/2024

- Major in Information Technology
- Honors in Artificial Intelligence and Machine Learning

Experience

Full Stack Developer(MERN)

[Code-B](#)

[mple.ai](#)

06/2024 - 08/2024

- Developed automated interview invitation emails and link expiration using **Node.js**, **MongoDB Aggregation**, and **Nodemailer**, and deployed on **Cloud Run**.
- Worked with team Built dynamic interview generation leveraging **OpenAI API**, prompt engineering, and speech-to-text integration.
- Implemented AuthGuard to restrict access to organizational results.
- Designed filters for the talent pool (Status, Job Profile, Skills, Score, Gender, etc.).
- Created dynamic employee flow diagrams with **React-Flow**.
- Developed the mple.ai landing page using **Svelte**

Intern

[Pharma Literati](#)

07/2022 - 03/2023

- Worked on **REST APIs**, contributing to backend **development and integration**.
- Developed a comprehensive report on the top 100 EdTech startups, analyzing their social media strategies to highlight trends.

Projects

Uber Backend Clone

07/2024-present

[GitHub Link](#)

- Develop **REST APIs** with Spring Boot for user management, and ride requests, and integrate the **OSRM API** for distance calculations.
- Utilize Spring **Data JPA** with custom queries and configure **Hibernate ORM with JDBC** for efficient data management and persistence in **PostgreSQL**, including handling **geospatial** data for location-based features in the Uber clone.

Optimizing Cargo Container Loading for Tyres

06/2023 - 06/2024

[GitHub Link](#)

- Developed a web application using **Python** for the backend, and **React** for the frontend.
- Develop advanced algorithms for strategic tire organization using **JAVA**, maximizing container space efficiency.
- Achieves a **10% increase** in truck capacity through optimized loading compared to manual planning.

Bank Management System In Java

08/2022 - 10/2022

[GitHub Link](#)

- Created bank management system ATM simulator using **JAVA**, **SWING**, **MySQL**, and **JDBC** connectivity.
- Emulates traditional ATM functionalities for a virtual banking experience.
- Encompasses account opening, deposits, withdrawals, mini-statements, and PIN changes for a versatile user experience.

Publications

- 2nd International Conference on Data Science and Information System(ICITEICS 2024) [Paper Accepted yet to publish](#)
 - Tire Recommendation System For Maximum Space Utilisation of Cargo Container
- 2023 International Conference on Nascent Technologies in Engineering (ICNTE 2023): [IEEE Link](#)
 - Technical paper presentation on Discord bot
- 2023 6th International Conference on Advances in Science and Technology (ICAST 2023) [IEEE Link](#)
 - Comparative Analysis of Algorithms for Cargo Container Space Optimization

Certification

- 0 to 100 SpringBoot: A complete course from basics to industry standards in Spring Boot and Java. [GitHub Link](#)
- DSA in JAVA from Apna College: Solved more than 350 questions [GitHub Link](#)

Extracurricular

- The Drama House, Head FCRIT(02/2022 -2024) • Organizing Committee ETAMAX & FACES, FCRIT (07/2021 - 03/2022)