

Krunal Arvind Kurkure

+91 9766610143 | adkurkure@gmail.com | [linkedin.com/in/krunal-kurkure](https://www.linkedin.com/in/krunal-kurkure) | github.com/Krunal-Kurkure | [Portfolio](#)

Professional Summary

Computer Science undergraduate with a solid foundation in Java, C++, web development, and React Native. Gained hands-on experience through internships in Java and Full-Stack Development. Built impactful projects backed by strong CS fundamentals, including DSA (Java), OOP, DBMS, OS, and Computer Networks. Actively solving problems on LeetCode.

Skills

Programming Languages: C++, Java.

Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js.

Mobile Development: React Native (Expo), Android Studio.

Databases: MySQL, MongoDB.

Development Tools: VS Code, PyCharm, Figma, Android Studio, Git, GitHub, Postman

CS Fundamentals: Data Structure & Algorithms (JAVA), OOP, DBMS, OS and Computer Networks.

Experience

Java Development Intern.

Internship Studio. (Virtual, Remote).

2 months

Mid-Aug 2024 – Oct 2024

Full-Stack Development Intern.

AICTE. (Virtual, Remote).

1 month

Jul 2024 – Mid-Aug 2024

DSA and Web Development Certified.

Udemy

12 months

Feb 2023 – Feb 2024

Projects

E-learning Platform (React, Node.js, MongoDB) [Link](#)

- Developed a full-stack web application enabling users to register, log in, and enrol in courses.
- Designed a responsive and user-friendly frontend using React for smooth course navigation.
- Built backend APIs with Node.js and Express to manage users, course data, and progress tracking.
- Integrated MongoDB for storing user profiles, course content, and learning progress.
- Utilized Postman to test and validate APIs for reliable and secure communication.

CityBus Detection System (Python, OpenCV, YOLOv8) [Link](#)

- Developed a real-time object detection system to identify passengers and seat occupancy in city buses.
- Implemented YOLOv8 for high-accuracy detection of occupied/vacant seats and individuals.
- Integrated OpenCV for processing video streams and visualizing detection with bounding boxes.
- Labelled objects using color-coded boxes (blue for vehicles, green for passengers) for clear differentiation.
- Trained the model on pre-recorded city bus video data to simulate dynamic, real-world scenarios.

MessExpress - Mess Management App (React Native, Supabase Backend) **(working)**

- Developing a feature-rich mobile app for tiffin/mess management with dual user roles (User & Owner).
- Implemented secure authentication (email/password & Google, Apple Login) and role-based dashboards with bottom tab navigation.
- Integrated real-time attendance tracking and historical 1-month views using calendar UI for Owners and Users.
- Developed weekly dynamic menu with image & text inputs for Morning and Evening meals per weekday.
- Enabled profile sharing via profile links and QR code scanning.
- Utilized Google Maps integration for precise location preview and static address.

Education

Sandip University, Nashik

Currently in 7th Semester (Final Year), GPA: 8.85

Nashik, Maharashtra

Aug - 2022 - Aug 2026

Hobbies

- Creating Miniature Models.
- Watching Informational TV Media