

Akhil Tamgaonkar

Software Developer

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SUMMARY

B.Tech CSE (AI & ML) graduate with hands-on experience creating mobile and web interfaces using **React.js, JavaScript (ES6), Java and SQL**. Trained in front-end development, RESTful API integration, UI optimisation, and **React Hooks/Redux state management**. Enthusiastic about developing applications that are clear, effective, and user-focused.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript (ES6), SQL | **Frameworks:** HTML, CSS, Bootstrap, React.js | **Backend:** RESTful API | **Tools & Platforms:** Git, GitHub, Postman, VS Code, Docker | **Other:** React Native, API Integration.

EXPERIENCE

Junior Java Developer

Aug 2025 - Present

ThinkQuotient | Pune

Focused on Building Strong Foundational Software Development Skills

- Gained Strong hands-on experience in Java
- Implemented practical Java Modules using OOPS, the Collections Framework, and exception handling to strengthen application logic and code quality
- Built industry-ready skills through coding assignments, mini-projects, and technical assessments focused on Java fundamentals.

Software Developer Internship

Jan 2025 - Jul 2025

Cognitix Software & Consultancy Pvt Ltd | Pune

- Developed and optimized **React.js frontend components** improving reusability
- Design and developed a React Native mobile application component with cross-platform compatibility and smooth experience
- Gained practical exposure to state management (React, Redux), backend logic, and deployment workflows.

PROJECTS UNDERTAKEN

Employee Management System - Java

Dec 2025

- Developed a employee management system with a login screen and CRUD Operations
- Built a **simple GUI frontend** with popup screens for employee management.
- Implemented **CRUD operations** to add, edit, view, and delete employee records.

Lead Management - React Native [GitHub](#)

Jan 2025 - Jul 2025

Designed Lead Management App to streamline tracking the assignment of potential customer leads

- Developed a **cross-platform lead tracking app** to streamline assignment and monitoring of customer leads.
- Designed **frontend components** for data collection and implemented APIs for seamless backend integration.
- Ensure a responsive UI & optimised data flow between client- and server-side performance

Semantic Segmentation using U-Net & Object Detection - Python [GitHub](#)

Dec 2023 - Feb 2024

Developed a semantic segmentation model to classify each pixel in image to predefined categories

- Built a **U-Net-based segmentation model** for pixel-level image classification across predefined categories. Integrated **object detection** and real-time tracking, improving scene understanding accuracy by **75%**.
- Enhanced model performance and reliability for computer vision application

EDUCATION

B.Tech in CSE (Artificial Intelligence & Machine Learning)

2021 - 2025

KIT's College of Engineering Kolhapur | *Kolhapur, Maharashtra* | CGPA - 7.2

HSC - DYP Shantiniketan Jr. College | *Kolhapur, Maharashtra* | 71.6%

2020 - 2021

SSC - Rosary English School | Malvan, Sindhudurg | 71.6 %

2018 - 2019