Akhil Tamgaonkar

Software Developer

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SUMMARY

B.Tech CSE (AI & ML) graduate with hands-on experience in full-stack web and mobile development using **React.js, Node.js, and MySQL**. Built scalable and responsive applications during internships at **Cognitix Software & Consultancy** and **Talent Battle**. Skilled in **frontend optimization**, **RESTful API integration**, and **state management (Redux)**. Passionate about crafting seamless user experiences and writing clean, maintainable code.

TECHNICAL SKILLS

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

EXPERIENCE

Software Developer Internship   *Jan 2025 - Jul 2025*
Cognitix Software & Consultancy Pvt Ltd | *Pune*
- Developed and and optimized **React.js frontend components** improving reusability
- Design and developed 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.

Web Developer Internship   *Dec 2023 - Feb 2024*
Talent Battle Pvt Ltd | *Kolhapur*
- Designed and implemented **responsive web pages** using **HTML, CSS, and JavaScript**, improving page accessibility.
- Implemented basic server-side logic and full-stack workflows, streamlining development processes.

PROJECTS UNDERTAKEN

Lead Management [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 **RESTful APIs (GET/POST)** for seamless backend integration.
- Ensure a responsive UI & optimised data flow between client and server side performance

Semantic Segmentation using U-Net & Object Detection [GitHub](#)   *Dec 2023 - Feb 2024*
Developed an Sematic 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 **93%**.
- 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, Sindhudrug | 71.6 %   2018 - 2019

ACHIEVEMENTS

- **Team Mavericks (Core Team Member):** Organized large scale technical events such as INVICTA and BODHANTRA, focusing on web development, Google Cloud, and Metaverse.
- Successfully completed **15+ Salesforce Trailhead badges**, currently learning Salesforce Admin Intermediate.