Ketan Darekar

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SUMMARY

Master's student in Applied Computer Science with hands-on experience in full-stack web development using React.js and Node.js. Skilled in JavaScript, REST APIs, Agile workflows, and Git. Proficient with CI/CD and cloud platforms. Eager to contribute to scalable, user-focused solutions in a dynamic, agile team environment.

EDUCATION

Master of Science in Applied Computer Science   **Oct 2023 - Sep 2025**
SRH Hochschule, Heidelberg

Bachelor of Computer Application   **Aug 2019 - April 2022**
MIT ACSC, Pune

PROJECTS

AI Powered Chatbot & Assistance Platform   [source code](#)

- Built an AI-powered chatbot with real-time chat, image handling, and secure login. Used React.js for the UI, Node.js, Express.js for the backend, Gemini API for AI responses, and MongoDB Atlas to store chat history.
- Integrated OpenWeather and News APIs to fetch live data, enhanced through Gemini's context-aware responses for natural interaction.

Ecommerce Web Application with Stripe and firebase   [source code](#)

- Developed a full-stack e-commerce application with features like product browsing, real-time cart updates, and secure checkout. Designed the frontend using React.js, Tailwind CSS and built the backend with Node.js, Express.js.
- Integrated Stripe for seamless payments, used Firebase for authentication and real-time data handling, and stored product data in MongoDB.

Hotel Management System   [source code](#)

- Built a desktop-based Hotel Management System with room booking, automated billing, and customer record tracking. Developed the UI using Java Swing and AWT for a smooth user experience.
- Connected to a MySQL database via JDBC to handle reservations, billing, and CRUD operations, with features like invoice generation and basic data validation.

Work Experience

Web Developer, Education4OL, Pune   **Nov 2021 - Feb 2022**
- Built a responsive Dairy Product website using HTML, CSS, JavaScript, and Bootstrap, ensuring 100% mobile and cross-browser compatibility.
- Improved load speed by 30% through front-end optimization and effective debugging.

Skills

- **Technical Skills:** HTML, CSS, JavaScript, Python, Java, React.js, Node.js, MySQL, MongoDB, Git, GitHub.
- **Technical Competencies:** Full Stack Development, UI/UX, Express.js, REST APIs.
- **Soft Skills:** Teamwork, Communication, Problem-Solving, Critical Thinking, Time Management.
- **Language Skills:** English (C1), German (B2), Hindi (Native), Marathi (Native).

Certifications

- Full Stack Software Developer **- IBM, 2025**   [Certificate](#)
- Python Full Stack **– CJC, 2023**   [Certificate](#)
- German B1 & B2 **- Goethe Institute, 2023**   [Certificate](#)

- Azure fundamentals **– Microsoft, 2022** Certificate