

Dikshant Khobragade

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SUMMARY

I'm a committed Full Stack Web Developer with 1+ years of experience building dynamic, captivating websites that tackle challenging assignments. Enthusiastic about new technologies and eager to learn new skills, collaborate, and contribute to innovative projects. Accompanied by a commitment to teamwork and lifetime learning.

LANGUAGES / CONCEPTS / FRAMEWORKS / TOOLS

Python JavaScript TypeScript HTML CSS React.js Node.js Redux Data Structures and Algorithms
DBMS Operating System OOPS Git Docker MySQL Postman Visual Studio Code AWS DevOps

WORK EXPERIENCE

Init Software Services – Associate Software Engineer

May 2023 – June 2025

- Led the complete revamping of the company website, transitioning to a new UI/UX design.
- Worked on both frontend and backend development to enhance user experience and system performance.
- Frontend development with TypeScript, improving responsiveness and usability across platforms.
- Backend development using C++, including the creation of new stored procedure APIs to streamline database operations.
- Collaborated with cross-functional teams to ensure seamless integration and deployment.

PROJECTS

DKMPSC Website – Full Stack Web Application

Jan 2024

- Live Link:** dkmpsc.vercel.app
- Designed and developed a comprehensive web platform for MPSC aspirants using Next.js for a dynamic and responsive frontend.
- Implemented Node.js backend to handle server-side logic, APIs, and seamless interaction with the database.
- Utilized MongoDB for efficient data storage and retrieval of study materials, mock tests, and user information.
- Deployed the frontend on Vercel for fast, reliable access and backend on Render to ensure scalable server performance.
- Integrated modern web development practices to create an intuitive UI/UX, making the learning experience smooth and engaging.
- Ensured full-stack functionality with secure data handling, optimized performance, and easy maintainability.

DkChat – Real-Time Messaging Application

Aug 2024

- Developed a full-featured real-time chat application inspired by WhatsApp, providing seamless user experience and secure messaging.
- Built using the MERN stack (MongoDB, Express.js, React.js, Node.js) with Socket.io for instant bi-directional communication.
- Implemented user authentication (Sign Up, Login, Logout) with JWT and integrated profile management including picture uploads.
- Enabled real-time one-on-one chats, online/offline indicators, emoji support, and last seen tracking.

Mask Detection Application – Machine Learning

Feb 2022

- Developed a mask detection system using Keras and OpenCV, leveraging machine learning for real-time detection.
- Trained the model on a custom dataset containing images of masked and unmasked individuals to ensure high accuracy.
- Implemented real-time image and video processing to detect and classify individuals as wearing a mask or not.
- Optimized the model for speed and accuracy, ensuring smooth performance in live environments.
- Designed the application to be scalable and user-friendly, suitable for monitoring public spaces.

EDUCATION

National Institute of Technology Calicut <i>MTech in Computer Science and Engineering</i>	2025-2027
Shri Ramdeobaba College of Engineering and Management, Nagpur <i>B.E. in Electronics Engineering (Minor in Information Technology)</i>	Aug 2019 – May 2023 CGPA: 7.96 / 10
HSC (Class XII) - Maharashtra State Board of Secondary and Higher Secondary Education Percentage: 67.69%	Feb 2019
SSC (Class X) - Central Board of Secondary Education Percentage: 86.00%	June 2017

LEADERSHIP EXTRACURRICULAR ACTIVITIES

- **Placement Coordinator, RCOEM (2022–2023)** – Organized and managed campus placement activities, coordinated between students and recruiters, and facilitated smooth communication during the recruitment process.
- **Member, National Service Scheme (NSS), RCOEM (2020–2023)** – Actively participated in community service initiatives, blood donation drives, and environmental awareness campaigns.