

# Dikshant Khobragade



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## SUMMARY

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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

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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

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### 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

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### DKMPSC Website – Full Stack Web Application

Jan 2024

- **Live Link:** [dkmpsc.vercel.app](https://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

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

## LEADERSHIP EXTRACURRICULAR ACTIVITIES

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- **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.