

D I K S H A

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TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, Postman, XML, PHP, JWT Authentication, API Integration, OCR (Tesseract.js)

PROFESSIONAL EXPERIENCE

Web Development Trainee | *Omatics Digital*

- Developed responsive web interfaces using React.js and Tailwind CSS, implementing mobile-first design principles to ensure optimal user experience across all devices and screen sizes.
- Built and integrated comprehensive REST APIs using Node.js, Express.js, and MongoDB for efficient user data management and sophisticated matchmaking functionality.
- Utilized Git and GitHub for effective version control and collaborated with team members through structured branching strategies and pull request workflows.

KEY PROJECTS

SkillShare – Peer-to-Peer Microlearning Platform

Technology Stack: HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Node.js, MongoDB

Live Deployment: <https://skillshare-app.vercel.app>

- Developed a comprehensive collaborative learning platform enabling users to exchange knowledge and skills through real-time chat functionality and integrated video conferencing sessions.
- Implemented sophisticated skill listing and peer matching algorithms, along with intuitive session scheduling features specifically designed for student communities and affordable microlearning experiences.
- Successfully deployed the application with full functionality, demonstrating proficiency in full-stack development and modern web deployment practices.

MedRemind – Smart Medical Reminder System

Technology Stack: HTML5, CSS3, React.js, Node.js, MongoDB, Twilio, Express.js

Live Deployment: <https://med-remind-red.vercel.app>

- A full-stack app that helps patients manage medication schedules. Integrates OCR to extract medicine names from prescriptions and sends WhatsApp reminders using Twilio API. Also includes emergency alert notifications.

EDUCATION

University School of Information, Communication and Technology, GGSIPU

Delhi, India | 2024–2026

Master of Computer Application

Academic Performance: 8.1 CGPA

Relevant Coursework: AI&ML, Computer Architecture and Organization, Object-Oriented Programming Systems (OOPS), Database Management Systems (DBMS), Operating Systems, Computer Networking, Data Structures and Algorithms

Delhi University

Delhi, India | 2021–2024

Bachelors of Science(H) Computer Science

Academic Performance: 7.4 CGPA

Relevant Coursework: Object-Oriented Programming Systems (OOPS), Database Management Systems (DBMS), Operating Systems, Computer Networking, Data Structures and Algorithms, Software Engineering

PROFESSIONAL CERTIFICATIONS

IBM Certificate: Data Science and Visualization (Machine Learning with Python – Level 1)

Issue Date: July 31, 2024

Core Competencies: Advanced Python Programming, Comprehensive Data Science Methodologies, Professional Data Visualization Techniques, K-Nearest Neighbors