

SAIKUMAR PEEKA

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SUMMARY

Passionate MERN stack developer with hands-on experience in building full-stack web applications using MongoDB, Express.js, React, and Node.js. Skilled in developing RESTful APIs, implementing authentication, designing responsive user interfaces, and deploying applications. Strong foundation in JavaScript, problem-solving, and clean coding practices. Interested in contributing to impactful software projects.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML, CSS

Libraries: C++ STL, Python Libraries, React.js

Web Dev Tools: Node.js, VS Code, Git, GitHub

Frameworks: React.js, Mongoose, CORS, React Router, Tailwind CSS, Nodemon, JWT

Cloud/Databases: MongoDB, MySQL

Relevant Coursework: Data Structures & Algorithms, Operating Systems, OOP, DBMS, Software Engineering

Areas of Interest: Web Design and Development

Soft Skills: Problem Solving, Self-Learning, Presentation, Adaptability

PROJECTS

Photo Based Social Media Platform

Dec 2024 – Feb 2025

MERN Stack Project

- Enabled secure user access through Gmail OTP authentication for a seamless experience.
- Designed for responsiveness and smooth interactions across devices.
- Technology Used: TypeScript, React.js, Next.js, MongoDB, Express.js, TailwindCSS

Realtime Chat Application

Dec 2024 – Feb 2025

MERN Stack Project

- Responsive web application enabling real-time messaging between users over a secure connection.
- Used WebSockets for live chat functionality and integrated secure login authentication.
- Technology Used: React.js, Node.js, Express.js, MongoDB, TailwindCSS

Matchmaking and Dating Application

Dec 2024 – Feb 2025

MERN Stack Project

- An interactive dating platform that allows users to find matches and connect instantly.
- Incorporates matchmaking logic and real-time messaging features for better user engagement.
- Technology Used: React.js, Node.js, Express.js, MongoDB

Responsive Weather Application

Dec 2024 – Feb 2025

MERN Stack Project

- Developed a weather forecasting web application that fetches real-time weather data using city-based input.
- Implemented dynamic UI updates and error handling using asynchronous JavaScript.
- Technology Used: HTML, CSS, JavaScript, OpenWeatherMap API

Web-Based Video Conferencing Tool

Dec 2024 – Feb 2025

MERN Stack Project

- Built a browser-based video calling application using WebRTC for real-time communication.
- Implemented signaling and connection handling using Socket.io and Express.js.
- Technology Used: Zegocloud, Socket.io, Node.js, Express.js, JavaScript, HTML, CSS

Leukemia Blood Cancer Prediction Using ML and DL

Jan 2024 – Mar 2024

Deep Learning/ML Project

- Designed a deep learning model to predict leukemia using medical data for early-stage detection.
- Trained neural networks and optimized hyperparameters for better accuracy.
- Technology Used: Python, TensorFlow, Keras, NumPy, Pandas, Jupyter Notebook

Diabetes Prediction

Apr 2023 – May 2023

Machine Learning Project

- Built a predictive model using patient health data for diabetes detection.
- Tested models like Logistic Regression, Decision Tree, Random Forest.
- Technology Used: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook

EXPERIENCE

MERN Stack Virtual Internship

Dec 2024 – Feb 2025

Seven Consultants and Technology Pvt Ltd

Online

- Built full-stack apps including a dating app, photo-sharing platform, and chat app.
- Worked on authentication, API development, UI design, and deployment.
- Practiced component-based design, state management, and routing in React.
- Collaborated using GitHub, followed agile sprints, and enhanced debugging skills.

Community Corporate Duo Virtual Internship

May 2022 – Jul 2022

Younity.in

Online

- Engaged in social media campaigns and corporate outreach.
- Assisted in event planning and promotion for brand visibility.
- Improved communication skills via industry networking.

EDUCATION

Jawaharlal Nehru Technological University Kakinada

Jan 2020 – May 2024

B.Tech in Computer Science and Engineering

CGPA: 8.18

CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate
- IBM Robotic Process Automation - Basic
- Databricks Generative AI Fundamentals
- PCAP: Programming Essentials in Python
- Certiprof Business Intelligence Foundation Professional
- Postman API Fundamentals Student Expert
- MSI Project Management Essentials Certified

POSITIONS OF RESPONSIBILITY

Blood Cancer Awareness and Stem Cell Donor

May 2024 – Present

DKMS Foundation India

- Advocating for blood cancer awareness and donor registration.
- DonorID :**INDKM7136448**

ACHIEVEMENTS

Social Media Marketing Specialist

Younity.in

- Awarded "Exceptional Hire" during internship at **Younity.in** for outstanding performance.