

# Machavarapu Vijaya Kumar

Dynamic and results-oriented Application Developer with 2 years of hands-on experience in software development. Demonstrated ability to collaborate with cross-functional teams to deliver high-quality software solutions that meet client needs and project deadlines.

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## WORK EXPERIENCE

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### MAGANTI IT SOLUTIONS PRIVATE LIMITED, VIJAYAWADA, INDIA

Jr. Application Developer

Nov 2023 - Present

Proficient Full Stack Web Developer with 2 years of experience. Skilled in front-end technologies including HTML, CSS, and Bootstrap for building responsive and visually appealing web interfaces. Experienced in JavaScript for implementing dynamic and interactive features on web applications. Proficient in React.js for building efficient and scalable user interfaces. Knowledgeable in back-end development using Node.js for server-side programming and building RESTful APIs. Hands-on experience with React JS for web development, serving as a UI developer.

#### Project: RFP CHATBOT

##### Overview:

Developed a web application to streamline the Request for Proposal (RFP) process for clients and IT companies. The application facilitates the submission and review of RFPs, which cover various categories such as website redesign, cloud migration, and AI & ML solutions.

##### Key Responsibilities:

Collaborated with the AI team to integrate an automated solution generation tool that dramatically reduces the time RFP writers spend on drafting responses. Designed and implemented a user-friendly interface to enhance the submission and review process of RFPs. Developed a chatbot feature that assists users in navigating the application and answering common queries related to RFP submissions.

##### Environments:

FRONTEND: REACT JS, REACT – BOOTSTRAP, BACKEND: PYTHON, DATABASE: MongoDB API  
TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git.

#### Project: CM CUP

##### Overview:

The CM CUP project was a comprehensive development initiative where you contributed to both backend and frontend aspects. The project focused on delivering a seamless and interactive user experience by leveraging modern technologies like Node.js and React.js

##### Key Responsibilities:

Designed and implemented RESTful APIs using Node.js to support the application's functionalities. Handled third-party integrations, ensuring seamless communication between the application and external services. Developed an interactive and responsive user interface using React.js. Focused on delivering a cohesive and engaging user experience with attention to detail in design and functionality.

##### Environments:

FRONTEND: REACT JS, REACT - BOOTSTRAP, BACKEND: NODE JS, DATABASE: MYSQL WORKBENCH, API TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git.

#### Project: HR PORTAL

##### Overview:

The Internal HR Project is a dynamic initiative aimed at building a comprehensive platform that streamlines HR processes and enhances organizational efficiency. Leveraging your expertise in React.js and Node.js, you are contributing to both the frontend and backend development of the platform. A key feature of this project is the Cybersecurity Module, which enables employees to access educational resources and take tests on cybersecurity.

##### Key Responsibilities:

Designed and implemented RESTful APIs using Node.js to support the application's functionalities. Handled third-party integrations, ensuring seamless communication between the application and external services. Developed an interactive and responsive user interface using React.js. Focused on delivering a cohesive and engaging user experience with attention to detail in design and functionality.

##### Environments:

FRONTEND: REACT JS, REACT - BOOTSTRAP, BACKEND: NODE JS, DATABASE: MYSQL WORKBENCH, API TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git.

## **Project: Oneness Yoga App**

### **Overview:**

The Oneness Yoga App is a wellness-focused application designed to help users track and engage with yoga and meditation routines. As a Backend Developer, you contributed to building scalable backend services and automating workflows to enhance user experience and operational efficiency.

### **Key Responsibilities:**

I developed and managed backend services using Node.js, ensuring a reliable and scalable architecture. I implemented cron jobs for automating scheduled tasks such as session reminders and daily health summaries. Nodemailer was integrated for sending automated emails including confirmations, notifications, and newsletters. I also enabled secure image uploads using AWS S3, handling image storage and retrieval efficiently.

### **Environments:**

BACKEND: NODE JS, EMAIL SERVICE: NODemailer, STORAGE: AWS S3, DATABASE: MYSQL WORKBENCH, API TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git

## **Real-Time Chatting Tool**

### **Overview:**

A real-time communication tool inspired by WhatsApp, built to facilitate instant messaging between users. The application supports dynamic chatting features and real-time message delivery.

### **Key Responsibilities:**

I developed a WebSocket-based backend using Node.js to support real-time messaging. The frontend user interface was designed and implemented using React.js, ensuring responsiveness and usability. I handled features such as message delivery status, online user indicators, and chat history management. The focus was on achieving low-latency communication and maintaining persistent user sessions.

### **Environments:**

FRONTEND: REACT JS, BACKEND: NODE JS, REAL-TIME ENGINE: WEBSOCKETS, DATABASE: MYSQL WORKBENCH, API TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git

## **Project: Medico**

### **Overview:**

The Medico application is a healthcare-focused platform designed to simplify patient interactions, improve accessibility, and streamline medical workflows. As a Frontend Developer specializing in React.js with TypeScript and supporting Java-based backend development, you contributed to building an intuitive UI and ensuring seamless integration with backend services.

### **Key Responsibilities:**

I developed responsive and user-friendly frontend modules using **React.js and TypeScript**, ensuring smooth user interactions and optimized performance across devices. I collaborated closely with the backend team to integrate REST APIs built with **Java**, ensuring secure and efficient data flow within the application.

I also contributed to enhancing application workflows, improving UI components, and ensuring consistent state management. Additionally, I supported backend development tasks in Java where required, ensuring API reliability and assisting in debugging and performance improvements.

### **Environments:**

FRONTEND: REACT JS, BACKEND: Java, DATABASE: MYSQL WORKBENCH, API TESTING: POSTMAN, Development Tools: Visual Studio Code, Version Control: Git

## EDUCATION

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2015 - 2017 | Oxford IIT School | Board of SSC Education | 8.2

2017 - 2019 | Narayana junior college | Board of Intermediate Education | 7.8

2019 - 2024 | Amrita Sai Engineering college | Bachelor of Technology | 6.3

## Technical Skills

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HTML, CSS, BOOTSTRAP, TAILWIND CSS, TYPESCRIPT, JAVASCRIPT, REACT JS, NODE JS, NEXT JS, DATABASE: SEQUELIZE, IDE: Visual studio

Code, MySQL Workbench, TESTING TOOL: POSTMAN, VCS: GIT, GITHUB

**CREATIVE SKILLS:** Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects Basics, Adobe XD, MS Office, Intermediate level in Ethical Hacking

## SKILLS

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Good communication and interpersonal skills.

Teamwork.

Time Management.

Willingness to learn new things and a Quick learner.

Ability to work comfortably in a group as well as independently.