

# Vishal S

+919633760494 | vishal.s.official@gmail.com |  
vishal.s@mca.christuniversity.in | linkedin- Vishal S | github-vishal S

## PROFESSIONAL SUMMARY

Junior Developer with strong skills in JavaScript, TypeScript, React, and REST APIs. Experienced in building clean, responsive, and scalable web interfaces and contributing to maintainable codebases. Strong problem-solving ability, quick learner, and comfortable working in collaborative open-source environments. Passionate about using technology for societal impact across DPG and AI-driven projects.

## EDUCATION

<b>CHRIST (Deemed to be University)</b> <i>Master of Computer Applications; CGPA: 8.5/10</i>	Bengaluru, India <i>July 2024 – Present</i>
<b>CHRIST (Deemed to be University)</b> <i>Bachelor of Science in Computer Science, Mathematics and Electronics; CGPA: 7.4/10</i>	Bengaluru, India <i>June 2021 – May 2024</i>

## EXPERIENCE

<b>Intern - Front-End Developer</b> <i>Sensesys — Information Technology &amp; Services</i>	May 2025 – Present <i>Bengaluru, India</i>
• Building <b>Hosting Cloudly</b> using React.js, TypeScript, Tailwind, and Vite; integrating 20i Reseller APIs for hosting setup and secure payments. • Developing responsive UI components, integrating REST APIs, and optimizing performance with modern frontend tools and workflows.	

  

<b>Intern – Academic Content &amp; Teaching Assistant</b> <i>Christ University – Online MCA Program</i>	June 10, 2025 – September 10, 2025 <i>Bengaluru, India</i>
• Assisted faculty in delivering the Operating Systems course by preparing lecture scripts and supporting material for online teaching. • Created engaging presentations aligned with curriculum and coordinated with instructors for timely delivery.	

## PROJECTS

<b>DeepHub – Deepfake Detection Web Platform</b>   <i>React.js, Flask, ML, Python, Firebase</i>	
• Built a responsive React.js interface with real-time result visualization to simplify deepfake analysis workflows. • Implemented backend video-processing APIs using Python and FastAPI for accurate and scalable inference.	
<b>DocuMind AI – Smart Document Search Chatbot</b>   <i>React.js, Vite, Python</i>	
• Developed a modern React + Vite frontend supporting real-time AI search and source-based responses. • Built a lightweight RAG pipeline using Sentence Transformers, spaCy, FAISS, and FastAPI for contextual retrieval.	

  

<b>Intruder Alert System – IoT-Based Missile Detection</b>   <i>Arduino Uno, Camera Module, Sensors</i>	
• Created an IoT-based detection system using sensors and camera modules for real-time object tracking. • Implemented data capture and alert logic ensuring reliable automated threat detection and performance checks.	

## LEADERSHIP EXPERIENCE

<b>Digital Mission Trainers (Python, Cloud Computing)</b> <i>Christ University, Bangalore</i>	Nov 2024 – Present
<b>Committee Head – Gateways (National Level Fest)</b> <i>Christ University, Bangalore</i>	Sept 2024 – Sept 2025
<b>Head of Christ University NCC (Junior Under Officer)</b> <i>Recipient of prestigious Vice Chancellor's Commendation — Christ University, Bangalore</i>	Jan 2021 – July 2024

## TECHNICAL SKILLS

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**Frontend:** React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Responsive UI

**State Management:** Redux, Zustand, Context API

**Backend & APIs:** Node.js, Express.js, REST APIs

**Programming:** JavaScript, Python, Java, C

**Tools:** Git, GitHub, VS Code, Figma

**Databases:** PostgreSQL, MySQL, Firebase

**Cloud & DevOps:** AWS (Basics), Docker (Basics), CI/CD

## CERTIFICATIONS

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Implementing AI Using Cognitive Modeling

JavaScript by Example

Introduction to NoSQL databases

Google Cloud Computing Foundations

CompTIA Cloud+: Cloud Migrations

Prompt Engineering: Cloud Computing & IoT Hacking in the Era of GenAI