

VISWAKSENA J

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SUMMARY:

A highly adaptable individual, proficient in developing end-to-end web and mobile applications, with a strong background in UI/UX design. Enjoys working with the MERN stack. Seeking to collaborate with the company to drive innovation, success, and achieve collective goals.

EDUCATION:

Amrita Vishwa Vidyapeetham <i>Bachelor of Technology in Artificial Intelligence; CGPA: 8.1</i>	<i>May 2025 Amritapuri, Kollam, India.</i>
NRI Institute of Technology <i>Higher Secondary; Percentage: 89.8%</i>	<i>May 2021 Guntur, India.</i>
Keshava Reddy Residential School <i>Secondary; CGPA: 9.3</i>	<i>April 2019 Nandyal, India.</i>

TECHNICAL SKILLS:

- Languages: HTML, CSS, Javascript, Matlab, Python, NodeJs, Dart
- Databases: PostgreSQL, MYSQL, MongoDB
- Frameworks: NextJs, Strapi CMS, ReactJs, GSAP, TailwindCSS, Framer Motion, Flutter, Lenis
- Domains: App Development, Web Development
- Tools: Git, Docker, Postman, Cursor, Claude Code

EXPERIENCE:

Surveysparrow	<i>Frontend Developer 3 Feb, 2025 - Present</i>
<ul style="list-style-type: none">• Designed and shipped an end-to-end <i>AI Survey Generator</i> – a public lead-generation tool that turns a natural-language prompt into a complete, editable survey via OpenAI, with conversational LLM-powered editing (RFC 6902 JSON-patch), live in-product preview through the SurveySparrow API, and a signup-gated free tier.• Optimized Core Web Vitals (LCP, CLS, INP, and TBT), achieving 100% green scores across 1,743 indexed desktop pages and all tracked mobile pages, improving performance, user experience, and SEO.• Introduced the company's first animated webpage and developed custom AI-powered Strapi plugins for translation, interlinking and two other, saving approximately \$5,940 annually, reducing content translation effort by 1.5–2 hours per task, and cutting internal link management time by ~15 minutes per link while improving marketing team productivity.• Collaborated with Product, Performance Marketing, and Growth teams to design and develop high-impact marketing web pages that drive user acquisition and lead generation.	
Amrita Center for Wireless Networks and Applications	<i>Intern 25 May, 2023 - 20 Jan, 2025</i>
<ul style="list-style-type: none">• Built a VCOM e-commerce application (Flutter, Node.js, SQL) with conventional commerce plus unique insights into best-selling village products and direct user-to-shop-manager communication.• Led UI/UX design and prototyping for 150+ screens in Figma, fostering personalized shopping and community engagement.	

PROJECTS:

AI Figma Design Reviewer Agent	<i>AI Automation Project 2026</i>
<ul style="list-style-type: none">• Built an AI-powered Figma review agent that analyzes Dev Ready designs, validates compliance with Design System standards, and detects issues such as arbitrary values and component misuse.• Automated design feedback through Figma comments, designer tagging, and revalidation workflows, saving ~15 minutes per issue and reducing developer handoff delays.	
Echo: a table top robot	<i>AI in robotics 14 November, 2022 - 20 July, 2023</i>
<ul style="list-style-type: none">• Engineered a user centric software using Django Framework for the Echo tabletop robot, catering individuals with disabilities. It recommends content from the two sections (Music and Videos) by analysing facial expressions.	

- Facial recognition and Speech synthesis modules are also integrated to serve food ordering and studying with post quiz analysis environments. Developed a responsive tactile screen for the deaf, voice-guided navigation for the blind using HTML, CSS, and Javascript.

CitizenSafeID

App Developer | 05 October, 2023 - 12 February, 2024

- Devised a facial recognition-powered payment and document management system, employing SQL Lite for robust database management.
- Designed and implemented an intuitive user interface using Flutter, enhancing accessibility and functionality for seamless transactions and document handling.
- Extended system capabilities to include secure document storage and retrieval in public environments like hospitals and hotels, optimizing user experience and privacy.

ACHIEVEMENTS:

Sustainable Development Ideathon | 1st Prize

06 June, 2024 - 06 June, 2024

- Proposed an AI-driven agricultural management system concept at ideathon, featuring automated pest control, soil analysis, market forecasting, and personalised farmer assistance.

Idea Ignite | 8th Position

26 June, 2024 - 27 July, 2024

- Designed a web application for traffic accident detection using YOLO algorithm, generating detailed AI reports, sending alerts to police and rescuers, and notifying vehicle owners' families.

CERTIFICATES:

The Web Developer Bootcamp:

- Acquired proficiency in HTML5, CSS3, JavaScript, React, Node.js, MongoDB, authentication, security practices, and deployment, through hands-on experience in building real web applications and portfolios.

NEW ReactJs 18 and Firebase 9 project:

- Gained expertise in React.js, Firebase, TailwindCSS, and React Router, mastering authentication, CRUD operations, routing, and deployment through hands-on development of a Realtor clone project.

Full stack MERN Blog Project: MERN Stack Blog with Dashboard

- Gained mastery in developing a full-stack MERN blog app, excelling in MERN stack technologies.

SOCIAL ACTIVITIES:

- Established Blockchain Club under Student Social Responsibility project: Organized campaign, managed candidate selection, and launched with 35 members.
- Promoted community building and trend awareness in security and blockchain development.

WORKSHOP:

Conducted Workshop On Blockchain:

- Successfully conducted a workshop on blockchain to raise awareness among students of Amrita Vishwa Vidyapeetham led by Kerala blockchain club and Amrita Blockchain Club

Building Video AI Applications at Edge on Jetson - NVIDIA DLI

- Gained hands-on experience in utilizing NVIDIA Jetson Nano for crafting edge-based Video AI solutions. Explored areas like model deployment and optimization strategies, improving skills in edge computing and integrating artificial intelligence.

SOCIALS:

- **Github** - <https://github.com/Viswaksena-J>
- **LinkedIn** - <https://www.linkedin.com/in/viswaksena-j>