

Manoj Kumar D



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SUMMARY

Passionate and innovative software developer, currently pursuing MCA at Christ University. Dedicated to tackling real-life projects and recognized for participation in multiple hackathons. Eager to contribute expertise in crafting impactful solutions.

EDUCATION

Master of Computer Applications (MCA) July 2023 – Present
Christ University, Bangalore

Bachelor of Computer Applications (BCA) August 2019 – May 2023
Kristu Jayanti College, Bangalore

EXPERIENCE

Web Developer Intern May 2024 – June 2024
GAOTek Inc., Bangalore

- Developed a comprehensive campaign page for a Toinng SaaS product, utilizing Next.js, Tailwind CSS, and MongoDB. Toinng is an AI-based calling web SaaS where users can create and set AI callers.
- Integrated REST APIs for dynamic data handling and implemented Figma designs to ensure a seamless and visually appealing user interface.

PROJECTS

FitGenius-AI | *React, OpenCV, Streamlit, Gemini API, Python* [Demo](#)

- Developed a comprehensive fitness web application with 800+ workout images and descriptions, health articles, a body mass calculator, and a meal generator.
- Achieved recognition by securing 2nd place in a national level hackathon, winning a cash prize of Rs.10,000.
- Integrated advanced AI features, including a generative AI chatbot for personalized fitness advice, an image upload feature to estimate food calorie content, and used OpenCV to evaluate user form for exercises.

Blind Aid | *Kotlin, OpenCV, Google Assistant* [Demo](#)

- Implemented real-time object detection using OpenCV to provide visual feedback on objects through the device's camera.
- Developed comprehensive utility features including location tracking with GPS, a calculator with voice command functionality, and time/date display customization.
- Enhanced user accessibility with text-to-speech conversion for printed text reading and battery status monitoring with low battery alerts.

SKILLS

- * **Programming Languages:** Golang, JavaScript, Kotlin, TypeScript, Python, SQL
- * **Frontend Development:** HTML, CSS, React.js, Next.js, Tailwind CSS
- * **Backend Development:** Node.js, Express.js, MongoDB, RESTful APIs
- * **Tools and Libraries:** Docker, Postman, Figma, OpenCV, Streamlit
- * **Deployment and DevOps:** Vercel, Netlify, Heroku, AWS

ACHIEVEMENTS

Secured 2nd place in a 24-hour national level hackathon conducted by St. Joseph's University, winning a cash prize of Rs.10,000.

Secured 3rd place in the Code Hunt event at National Institute of Technology Puducherry (NITPY).