SANDEEPA RAMBUKWELLA

SOFTWARE ENGINEER
Location : Kandy, Sri Lanka

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SKILLS

React, Next JS, Node.js, Python, .NET MAUI, Blazor, ASP.NET, Git, Javascript, Typescript, React Native, HTML, CSS, SQL, JAVA, Data Structures, Firebase, Shadcn UI, Github, CI/CD Pipelines, MongoDB, Opencv, Gemini AI Model, RAG, FastAPI, OpenAI Model, Llama Model, Restful API, Tailwind CSS, Streamlit, TensorfIflow, Problem Solving, Critical Thinking

PROFESSIONAL SUMMARY

Experienced Software Engineer with 2+ years of hands-on experience, skilled in both frontend and backend development using React, Next.js, .NET, and AI integration. Passionate about delivering innovative solutions and tackling exciting challenges while continuously expanding knowledge and expertise across modern technologies.

WORK EXPERIENCE

Software Engineer at Medical Wizard (AUS). *(From Mar 2025 to present)*
- Practicing **Agile methodologies** to ensure timely and efficient project delivery.
- Leading data driven form creating application with React and JAVA , .NET backends.

Software Engineer at Vision Designing (USA). *(From Mar 2025 to present) - part time*
- Developing automated systems with AWS serverless Lambda functions and various other services.
- Developing Astro.js based SEO-friendly frontend applications with server-side rendering (SSR).
- Leading react native mobile application development with .NET backend.

Junior Software Engineer at Glenzsoft (Pvt) Ltd. *(From Mar 2024 to Mar 2025)*
- **Improved the performance** of a medical distribution mobile app by **3x through algorithm optimization**.
- Contributed to the development of **cross-platform mobile apps** using .NET MAUI.
- Collaborated on Hospital Management, Gym Management, and other commercial applications using **C# and .NET MAUI.**

Intern Software Engineer at SoftMaster Technologies (Pvt) Ltd. *(From Dec 2023 to Feb 2024)*
- Contributed to the successful launch of various commercial applications by assisting with the design, development, and implementation phases using PHP, JAVA, HTML, CSS and Bootstrap.   **Visit my Linkedin Profile for more...**

PROJECTS

- **AI-powered Job Interviewer using Next JS** (https://ai-job-interviewer.vercel.app)
  - A Next.js application that generates tailored interview questions, records video responses, processes them using AI, and provides feedback.

- **AI-Powered Personalized Chatbot For my Portfolio** (https://ai-portfolio-bot.vercel.app)
  - Trained on my professional data to answer questions about my background.

- **AI-Powered Image & Video Editor using Next JS** (https://ai-magic-editor.vercel.app)
  - A Next.js tool offering generative fill, smart crop, video enhancement, generative remove, background replacement, and object extraction.

- **AI-powered Travel Planner using React** (https://ai-travel-planner.netlify.app)
  - A React application that creates AI-generated itineraries and provides dynamic location data using the Google Places API.

EDUCATION

Bachelor of Software Engineering (Honors) - Current GPA : 3.53
The Open University of Sri Lanka - From May 2021 to Aug 2025
- Mastered Data structures & Algorithms, IOT, LLM development, etc.
- From 2021 to 2024/8/30, I completed 109 of 130 credits and Got A, A+, and A- for many courses.

ACCOMPLISHMENTS

- Leading sevaral cloud automation system developments
- Boosted .NET MAUI app performance by 300% through algorithm optimization.
- Independently developed 10 web apps with Python, Next.js, and React.

LANGUAGES

- English - Proficient
- Sinhala - Native