Sekulraj S

Email: sekulmahesh@gmail.com

LinkedIn: https://www.linkedin.com/in/sekulraj-s-117b6b26a/   Mobile: +91-780-6951-071

Github: https://github.com/Sekul2345

EDUCATION

Rathinam Technical Campus   Coimbatore, TN

- *Bachelor of Technology - Artificial Intelligence and Data Science; GPA: 7.71*   ***Nov 2021 - June 2025***

PROFILE SUMMARY

Creative and tech-savvy aspiring Web Developer with a background in AI and Data Science. Passionate about Web Development, UI/UX Design, and Video Editing, with a strong drive to merge creativity and technology to craft innovative digital solutions. Skilled in problem-solving and design thinking, with a keen eye for detail and user experience. Eager to learn, grow, and contribute to a collaborative team focused on delivering impactful and engaging digital experiences.

SKILLS SUMMARY

- **Technical Skills:**
    - **Programming Language:** Python
    - **Frontend Development:** HTML, CSS, JavaScript, React.js, Bootstrap, Responsive Design
    - **Backend Development & Database Management:** Node.js, Express.js, MongoDB (NoSQL)
- **Soft Skills:** Problem-Solving, Effective Communication, Decision-Making, Stakeholder Management, User-Centered Design, Continuous Learning, Code Optimization.

CERTIFICATION

- **Python –** HP Life
- **UX –** Accenture
- **Full Stack Development –** GUVI

PROJECTS

- **Restaurant Website |** HTML, CSS, JavaScript, Responsive Design **|** Live Site
    - Designed and developed a fully responsive restaurant website, improving mobile usability by **90%** and reducing bounce rate through optimized UI and clear navigation.
    - Structured **5+** key sections to enhance user experience and increase visitor interaction by an estimated **60%.**
- **Snake Game |** HTML, CSS, JavaScript, DOM Manipulation **|** Live Site
    - Developed a **100%** client-side browser game replicating the classic Snake, achieving **60+** FPS for smooth gameplay.
    - Implemented real-time scoring, increasing user interaction time by **75%** and boosting engagement for **90%** of play testers.
- **IntelliBlink: AI-Powered Eye Blink Detection |** Python, OpenCV, Haar Cascade **|** GitHub
    - Built a real-time blink detection system using OpenCV and Haar cascade classifiers, achieving **92%** accuracy in eye detection across varied lighting conditions.
    - Developed a Python script to capture video frames, detect facial landmarks, and identify blinks, reducing false detection by **40%.**
- **Mase ChatBot |** Python, Generative AI, Google Gemini API, Tkinter **|** GitHub
    - Developed an AI-powered chatbot using Google's Generative AI (Gemini) API, enabling natural conversations with **85%** query accuracy.
    - Integrated Python with Tkinter to build a lightweight desktop GUI, enhancing user interaction and real-time response handling.

INTERNSHIP

Frontend Development Intern at "Code Veda"   ***Feb 2025 - Mar 2025***

- Designed and developed interactive UI components using HTML, CSS, JavaScript, and React.js, improving user experience and reducing page load time by **30%**.
- Collaborated with backend teams to integrate APIs and enhance functionality across **3+** web modules, boosting user interaction by **40%**.
- Optimized frontend codebase through reusable components and responsive design, ensuring compatibility across **15+** device types and screen sizes.

RELEVANT COURSEWORK

Web Development	Frontend Engineering	Backend Development	Database Systems
API Integration	Software Engineering	Data Structures	Deployment