AKSHAY PRASHANT HEGDE

+91-9019816215 ✉ akshayphegde2002@gmail.com 🔗 Linkedin ⌂ Github

EDUCATION

Nitte Meenakshi Institute of Technology, Bengaluru   **Nov,2020 – June,2024**
B.Tech - Information Science and Engineering - CGPA - 7.9   *Bengaluru*

MES PU College   **2018-2020**
Department of Pre-University Education, Karnataka - Percentage - 94.16%   *Sirsi, Karnataka*

EXPERIENCE

- Web Development Intern- AERONUTS
  Worked as a front-end developer intern at Aeronuts, a Bangalore-based startup that develops innovative flight control systems. Responsible for creating user interfaces using WIX that are user-friendly and visually appealing for our AI application platform.

PROJECTS

Minimizing Gaussian Noise from Real-Time CCTV Images Using GAN / Python, GAN   **2024**

- Developed and implemented a GAN-based approach to remove unwanted noises from images
- Optimized hyperparameters and network architectures for better denoising performance.
- Evaluated and compared denoising results using metrics like PSNR and SSIM.
- Deployed the trained model for real-world denoising applications

Wallet Sentinel ↗ / HTML5, CSS3, JavaScript, Django, SQLite   **2023**

- Orchestrated an intuitive user interface for Wallet Sentinel using HTML5, CSS3, and JavaScript. Employed cutting-edge design principles to facilitate seamless navigation and enhance user engagement.
- Implemented REST APIs for core functionalities like CRUD operations, user authentication and expense tracking and budget management using Django.
- Utilized SQLite for efficient data storage within Wallet Sentinel. Designed a robust schema capable of handling complex financial data, ensuring scalability and optimal performance.

RaGaMaYa ↗ / Node.js, HTML, CSS, React, JavaScript   **2023**

- RaGaMaYa is a website that uses HTML, CSS, JS, and React to show information about music. It includes a database of music artists, albums, songs, and a forum for users to discuss music.

FIFA Management Database Project ↗ / PHP,SQL,HTML,CSS,JS   **2021-22**

- Have built a FIFA management system using PHP, SQL, HTML, CSS, and JS. The system allows users to create and manage teams, players, and matches. It also includes a database of player statistics and a forum for users to discuss the game.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, SQL.
Technologies/Frameworks: HTML5, CSS3, React, .NET, JavaScript.
Developer Tools: VS Code, WIX, Atom, Canva.

CERTIFICATIONS

- The Full Stack Web Development Bootcamp - Udemy
- DevOps and Google Cloud Computing Foundations - Google cloud
- The joy of computing with Python - NPTEL
- Java fundamentals- Udemy
- Data Structures and Algorithms

ACHIEVEMENTS

- A paper titled 'Minimizing Gaussian Noise from Real-Time CCTV Images Using GAN' has been published in the **IRE** Journal.
- I had the honor of representing as the captain of the state-level ball-badminton team.
- Member of Chiguru, the college's prestigious cultural club that promotes Indian culture and heritage through various events and activities.