Ishan Sandhir

+91 9460341295 Sandhirishan18@gmail.com Ishan Sandhir Sandhirishan

EDUCATION

SRM Institute of Science andTechnology, Kattankulathur **2022 - 2026**
B.Tech in Computer Science and Engineering *CGPA 8.8*

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML, CSS
Frameworks: React.js, Next.js, Node.js, Express.js, Flask, TensorFlow, Keras
Technologies: OpenCV, Pandas, NumPy, Beautiful Soup, SciPy, MySQL, Firebase, REST API
DevOps: Git, Docker, Kubernetes, CI/CD Pipelines, AWS (ML Foundations – Certified)

EXPERIENCE

Mphasis

AI/ML Intern *June 2024 – July 2024*

- Gained hands-on experience in developing and deploying AI-based solutions for real-world business problems, focusing on machine learning models and data processing.
- Contributed to projects related to natural language processing (NLP), sentiment analysis, and AI-driven recommendation systems, supporting data analysis and interpretation.
- Utilized Python and key libraries (TensorFlow, Keras, Scikit-learn) to build predictive models, analyzing datasets to derive actionable insights.

PROJECTS

Agreemint **Next.js, Firebase, Tailwind CSS, TypeScript**

- Developed Agreemint, an AI-driven web application that enables entrepreneurs and small businesses to generate legally sound contracts from call recordings or written descriptions, streamlining the agreement creation process.
- Integrated Firebase for secure authentication and data storage, ensuring a tamper-proof digital paper trail to prevent disputes.
- Utilized modern web technologies including Next.js, Tailwind CSS, and Shadcn UI to create a responsive and user-friendly interface.

Virtual Garden **Three.js, Blender, React.js, JavaScript**

- Developed Virtual Garden, an interactive web application allowing users to explore a virtual garden and learn about various plants.
- Implemented features such as plant information display and user interaction using React.js and JavaScript.
- Acquired a thorough understanding of project requirements and user workflows, translating them into efficient React component design and state management strategies.

HandDistance **Python, OpenCV, MediaPipe**

- Developed HandDistance, a real-time computer vision application that calculates the distance between two fingers using webcam input.
- Leveraged OpenCV and MediaPipe to detect hand landmarks and compute Euclidean distance between specific points.
- Acquired a comprehensive understanding of the project's architecture and computer vision pipeline, ensuring precise landmark mapping and efficient distance calculations.

ACHIEVEMENTS

AWS Academy Machine Learning Foundations (01/2024)- Certificate

Coursera Meta Front-End Development (04/2023)- Certificate