

KARTHIKEYAN S

+91 6381410754 karthipersonal2003@gmail.com LinkedIn/Karthikeyan

Technical Skills

Programming Languages: Python, SQL, JavaScript, MySQL

Framework / Libraries: Django, React.js, Next.js, Flask, Fast API, NumPy, Pandas, Sci-kit learn, Matplotlib

Other Skills: API Development, Restful API Web Services, Data Analysis, Business Analysis

Experience

❖ Grow Aasan Technologies

May 2024 – Present

➤ Junior Developer

Coimbatore, Tamil Nadu

As a Junior Developer at Grow Aasan technologies, I drive feature development using React for the "GrowAasan" product. I specialize in implementing powerful data functionalities like filtering, searching, and sorting, alongside creating visually engaging charts for data visualization. My role involves close collaboration with cross-functional teams, contributing to performance optimization and ensuring a seamless user interface. My work reflects a proficiency in React development, translating conceptual ideas into impactful features that align with business goals and user needs.

❖ Grow Aasan Technologies

December 2023 – March 2024

➤ Python Developer (Internship)

Bhopal, Madhya Pradesh

Developed and optimized Python scripts for data processing and analysis using pandas, NumPy, and matplotlib. Conducted real-time data analysis using Python (pandas, NumPy) and created interactive dashboards and reports with Looker Studio, Tableau, and Power BI. Assisted in building data-driven applications, collaborating with cross-functional teams to deliver tailored solutions. Contributed to the improvement of code quality and performance through regular code reviews and testing.

Personal Projects/Awards & Achievements

➤ Ancient Tamil Script Recognition using Machine Learning (Django)

Leveraged machine learning techniques, specifically TensorFlow with a CNN, to recognize characters from ancient Tamil scripts. The project involved dataset preparation, image preprocessing, model training, and deployment within the Django framework.

➤ Helmet Detection and Face Recognition (Flask)

Created a system to detect helmets and recognize faces using the Yolo algorithm and OpenCV. Integrated with Flask for real-time processing and developed a user interface with HTML, CSS, and JavaScript. And Databases uses for stored data in MySQL. Implemented email notifications for unrecognized login attempts.

➤ Personal Blog (Django)

Developed a user-friendly blog application to share posts, comments, and multimedia content.

➤ YouTube Creator Award

As the Solo creator of *Naughty FF YouTube Channel*, achieved a significant milestone by reaching **700,000 subscribers**, earning the prestigious YouTube **Silver Play Button** in recognition of outstanding content creation, engagement, and audience growth.

Education

Vels Institute of Science, Technology and Advanced Studies, Chennai

June 2020 – May 2024

Bachelor of Engineering in Computer Science

CGPA – 66%