

KARAN V

Frontend Developer | Full-Stack Developer

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PROFILE SUMMARY

Detail-oriented Computer Science & Engineering graduate with hands-on experience building responsive, user-friendly web interfaces using HTML5, CSS3, JavaScript, and Bootstrap. Skilled in translating designs into clean, cross-browser-compatible layouts and interactive UI components, with working knowledge of PHP, MySQL, and REST APIs for full-stack integration. A quick learner with strong analytical and problem-solving skills, eager to grow with modern frontend frameworks and contribute as a Frontend Developer in a fast-paced team.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript, Bootstrap, Responsive Web Design

Programming: Python, C, JavaScript

Web Development: Full-Stack, REST API, Flask

AI/ML: Machine Learning, Scikit-learn, NumPy, Pandas, OpenCV, Matplotlib

Tools: Git, GitHub, VS Code, Google Colab, Jupyter Notebook, SQL, PostgreSQL

EXPERIENCE

Software Development Engineer Internship | Bluestock Fintech | 2026

- Built and refined responsive UI components and frontend modules for a fintech product using HTML5, CSS3, and JavaScript, ensuring clean cross-device presentation.
- Collaborated with the development team on full-stack features, applying clean coding practices and translating requirements into functional interfaces in a startup environment.

Deep Learning Internship | Samcore Solutions | 2025

- Developed and optimized CNN-based image classification models using Python, TensorFlow, and Keras, with strong validation accuracy and reduced training loss.
- Applied Transfer Learning, data augmentation, and feature engineering with NumPy/Pandas; tuned Adam & SGD optimizers to improve model generalization.

PROJECTS

Matrimony Platform | Python | Django | PostgreSQL | 2025 – 2026

- Designed and built a responsive, mobile-friendly frontend with clean navigation for profile management, advanced partner search & filters, and premium subscription plans via Razorpay.
- Developed a full-featured admin panel UI and implemented Email OTP verification screens, CSRF protection, and Django security middleware on a live production server with Nginx, Gunicorn, and SSL/HTTPS.

AI-Based Food Image Classification & Dietary Analysis | Final Year Project | 2025 – 2026

- Built an interactive front-facing interface to display Swin Transformer classification results and dietary insights in a clear, user-friendly layout.
- Integrated a dietary analysis module using OpenCV and Pandas to present calories, macronutrients, and personalized health insights per image.

EDUCATION

B.E. – Computer Science & Engineering

University College of Engineering, Nagapattinam | 2022 – 2026 | CGPA: 7.91 / 10.0

Higher Secondary Certificate (HSC)

GS Hindu Higher Secondary School, Srivilliputtur | 2020 – 2022 | Percentage: 76.8%

LANGUAGES

Tamil (Native) English (Professional Proficiency)