Kevin Samson J

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PROFILE

An enthusiastic AI/ML engineer who finds future technology interesting. Dedicated, hardworking, and committed to becoming a dependable and valuable team member.

PROFESSIONAL EXPERIENCE

Primesoc Technologies   **Nov 2022 - Dec 2023**
Intern – Verification Engineer
- Developed an automated Python program that changes variable names to different random names, enhancing code security for final packing. This program processed over 10,000 lines of code.
- Worked as a Verification Engineer in UCIe protocol, verifying 5+ modules and achieving 56.7% coverage.
- Developed a fully functional website for the company, resulting in a 30% increase in online traffic and reducing page load time by 30%.

SolarSecure   **Oct 2023 - Dec 2023**
Intern – Data Science Intern
- In the final project, employed various classification models to analyze a real-time dataset containing over 100,000 entries with NaN values.
- Utilized 3 regression models to predict the booking rate, achieving prediction accuracies up to 85%.
- Evaluated and compared the accuracy rates of the classification models, achieving a maximum accuracy rate of 96.12%.

TOP PROJECTS

Gesture-Controlled IoT: Enhancing Hands-Free Smart Home Interaction

- Integrated 7 gestures with an IoT microcontroller, reducing app and voice command reliance by 50%.
- Designed a system with 3 core components, boosting UI efficiency by 40%.

Critique Suite

- Developed a system that generates concise reviews from a single keyword, streamlining insights for both movie and product reviews.
- Integrated 5 technologies such as Python and NLTK, enhancing user experience and improving review generation efficiency by 30%.

EDUCATION & CERTIFICATIONS

Bachelors of Computer Science
Specialization: AI & ML
CGPA : 8.79
VIT University, Chennai

Complete Machine Learning & Data Science
ZTM, Udemy

EXTRACURRICULAR ACTIVITIES

Social Media Head, FineArtsClub
VIT University, Chennai

Web Content Writer, OutReach VITC
VIT University, Chennai

Artist
Art portfolio