Keerthivasan S V

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Education

B.Tech in Computer Science and Engineering (Artificial Intelligence)	**CGPA: 7.67**
Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore	*2023 - Present [S4]*
High School Diploma	**SSLC: 91.4%, HSC: 84.8%**
Jawahar Higher Secondary School [CBSE], Neyveli	*2012 - 2023*

Work Experience

Artsy Technologies Pvt Ltd — *Jul 2024 - Aug 2024*
Web Developer Intern

- Developed responsive card components and hero sections for dynamic content, improving visual appeal and engagement by 25%.
- Worked on the overall website layout, aligning design with brand guidelines and tried to increase user retention and accessibility.
- Created reusable design components for a gallery feature, streamlining frontend development workflows by 20%.

Dyne Research — *May 2024 - Sep 2024*
AI Intern, Web Designer, 3D Modeling Intern

- Improved crop yield prediction accuracy by 12% using fine-tuned machine learning models in Python and TensorFlow on real-world agricultural data.
- Designed 10+ reusable 3D assets in Blender, reducing design cycles by 20% for game development projects.
- Enhanced website responsiveness by 40%, reducing load times by 1.5 seconds and ensuring consistent user experience across devices.

Projects

School Website — GitHub

- Designed interactive event calendar and modular faculty profile sections, improving information accessibility by 50%.
- Created a responsive hero section and cards for showcasing school events, increasing engagement by 30%.

Skin Cancer Detection Using AI — GitHub — Docker Hub

- Developed a CNN-based tool achieving 92% accuracy on a dataset of 25,000 labeled images for early skin cancer detection.
- Deployed the solution on Docker, ensuring scalability and reducing setup time by 70%.

Remotif.ai — GitHub — Devfolio — YouTube

- Built an IoT-based system to monitor vital signs in real time, achieving 90% accuracy in predictions.
- Integrated ML models for a health chatbot, reducing response times by 20%.

Achievements

EvoLUMIN ACM 2024 Grand Finale Shortlisting
Shortlisted for Remote Health Care Monitoring System using IoT devices.

Top 125 Ideas in ThingQbator Cohort 7
Selected for *HealthyHer* (health/wellness app) and *ResQLink* (emergency response system).

Google Solutions Challenge 2023 — Link
Regional bootcamp shortlisting for enhancing flight efficiency and sustainability.

Technical Skills

Programming: HTML, CSS, JavaScript, Python, Java, C++, C
Frameworks: ReactJS, NextJS, Node.js, PyTorch, TensorFlow, Flutter
Technologies: Firebase, Google Cloud, AWS, MongoDB, Figma, Blender, Docker, Git
Other: DSA, Machine Learning, Computer Networks

Certificates

Microsoft Certified: Azure AI Engineer Associate — *Nov 2024*
Link

Foundations of Cybersecurity — *Jan 2024*
Link

Club Responsibilities

Technical Team Member — IETE Amrita	*Nov 2024 - Present*
IoRT Trainee — Intel IoT Club	*Sep 2024 - Present*
Content Writer — Intel IoT Club	*Jul 2024 - Present*
Technical Team Member — Amrita Center for Entrepreneurship	*Mar 2024 - Present*