

Keerthivasan S V

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Education

B.Tech in Computer Science and Engineering (Artificial Intelligence) 2023 - Present

Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore

- CGPA: 7.92
- Current SGPA: 8.61

High School Diploma 2012 - 2023

Jawahar Higher Secondary School [CBSE], Neyveli

- SSLC: 89.6%
- HSC: 84.8%

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%.

AI Caller Link [🔗](#)

- Designed an interactive automation of schedule, reschedule and cancel of appointments through AI voice enabled realtime call using Twilio, GPT 3.5 and Ollama.
- Temporary JSON integration; planned EPIC integration for scalability and adapted responses for natural, human-like conversations.

Pragati '25 FE

[Link](#)

- Worked as a Front developer for ASB tech fest and worked on Frontend based on NextJS and Tailwind CSS.
- Created a responsive Animations and Futuristic cards for showcasing agenda and events, increasing the overall aesthetic by 25%.

Chihnam: AI-Powered Communication for the Hearing-Impaired

[Link](#)

- Developed a real-time bidirectional tool that translates sign language into speech and vice versa, eliminating the need for interpreters.
- Utilized MediaPipe, OpenCV, PyTorch, and OpenAI Whisper for Sign-to-Text and Speech-to-Sign conversion, achieving 94%+ accuracy.
- Implemented a five-second buffer for improved sentence formation and planned Flutter & Flask integration for cross-platform accessibility.

Achievements

- **SpinSci Annual AI Hackathon 2025 Winner** - Grand prize 100K – Quickly adapted the approach, leveraging SpinSci's Patient Notify framework to build a tailored solution which is AI caller.
- **Thiran - AI Innovate (Runner-up)** - Developed Chihnam, a real-time bidirectional communication tool that translates sign language into speech and vice versa, enhancing accessibility for the hearing-impaired.
- **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** - 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 Engineer — Intel IoT Club

Sep 2024 - Present

Research and Development Team Member — Tensor Club

Jul 2024 - Present