

Keerthivasan S V

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🔗 [Keerthivasan-Venkitajalam](https://www.github.com/Keerthivasan-Venkitajalam)

Education

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

Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore

CGPA: 8.07

2023 - Present

High School Diploma

Jawahar Higher Secondary School [CBSE], Neyveli

SSLC: 91.4% , HSC: 84.8%

2012 - 2023

Work Experience

Dyne Research

Internship (Part-time)

May 2024 - Sep 2024 · Odisha, India

- **AI Intern:** Developed and fine-tuned machine learning models using Python, scikit-learn, and TensorFlow for predictive analytics.
- **Web Designer:** Revamped Dyne's website with responsive designs and SEO optimization using HTML, CSS, JavaScript, and Figma.
- **3D Modeling Intern:** Designed realistic and stylized 3D assets in Blender for game and animation projects.

Artsy Technologies Pvt Ltd

Web Developer Intern (Part-time)

Jul 2024 - Aug 2024

- Built a responsive school website using React and Tailwind CSS, with dynamic content and galleries.
- Developed an admin dashboard with Node.js, Express.js, and MongoDB for secure content management.
- Collaborated on GitHub for version control and team coordination.

Projects

Remotif.ai | IoT, Machine Learning, Python

GitHub: [Remotif.ai](#) Devfolio: [Remote Health Care Monitoring System](#) YouTube: [Remotif.ai Demo](#)

- Developed an IoT-based remote health monitoring system with sensor integration for real-time tracking of vital signs.
- Implemented machine learning models for health predictions and integrated a health chatbot for user interaction.

Skin Cancer Detection Using AI | Machine Learning, Python

GitHub: [Skin Cancer AI](#) Docker Hub: [Gen-AI Exchange Skin Cancer Tool](#)

- Built an AI-driven skin cancer detection tool using machine learning for early and accurate diagnosis.

School Website | React, Node.js, MongoDB

GitHub: [School Website](#)

- Developed a dynamic school website with features like faculty profiles, event calendars, and galleries.
- Implemented an admin panel for content management with Node.js and MongoDB.

Achievements

EvoLUMIN ACM 2024 Grand Finale Shortlisting

Shortlisted for the Grand Finale of EvoLUMIN ACM 2024, a national-level hackathon, for developing the Remote Health Care Monitoring System using Arduino Nano 33 IoT and Raspberry Pi for real-time monitoring of vital health parameters.

Top 125 Ideas in ThingQbator Cohort 7

Selected among the Top 125 ideas in ThingQbator Cohort 7 for HealthyHer (health and wellness app for women) and ResQLink (smart emergency response system).

Google Solutions Challenge 2023 Regional level bootcamp Shortlisting

Shortlisted for Google's Solutions Challenge All India (Regional) level bootcamp 2023 with a solution to enhance flight efficiency and sustainable development by minimizing emissions and maximizing fuel efficiency. [GitHub Repo](#)

Technical Skills

Programming Languages: HTML, CSS, Javascript, Python, Java, C++, C

Frameworks / Libraries: ReactJS, HTML, CSS, Javascript, NextJS, NodeJS, Pytorch, Tensorflow, Flutter, React Native

Technologies: Firebase, Google Cloud, GitHub, AWS, MongoDB, Figma, Blender, Docker, Arduino, Git, Linux

Others: DSA, Machine Learning, Computer Networks

Club Responsibilities

Technical : Technical Team Member | IETE Amrita

November 2024 – Present

Technical : IoRT Trainee | Intel IoT Club

September 2024 - Present

Tech Support : Content Writer | Intel IoT Club

July 2024 - Present

Technical : Technical Team Member | Amrita Center for Entrepreneurship

March 2024 - Present

Certificates

[Microsoft Certified: Azure AI Engineer Associate](#) | Microsoft

Issued November 2024

[Foundations of Cybersecurity](#) | Google (Coursera)

Issued January 2024