

# Keerthivasan S V

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(Keerthivasan S V) Venkitajalam — [GitHub: Keerthivasan-Venkitajalam](#) — [Portfolio](#)

## Education

<b>B.Tech in Computer Science and Engineering (Artificial Intelligence)</b>	<b>CGPA: 8.07</b>
<i>Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore</i>	<i>2023 - Present</i>
<b>High School Diploma</b>	<b>SSLC: 89.6%, HSC: 84.8%</b>
<i>Jawahar Higher Secondary School [CBSE], Neyveli</i>	<i>2012 - 2023</i>
<b>Work Experience</b>	
<b>Artsy Technologies Pvt Ltd</b>	<i>Jul 2024 - Aug 2024</i>
<i>Web Developer Intern</i>	

- 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

<b>School Website</b>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>• Designed interactive event calendar and modular faculty profile sections, improving information accessibility by 50%.</li><li>• Created a responsive hero section and cards for showcasing school events, increasing engagement by 30%.</li></ul>	
<b>Skin Cancer Detection Using AI</b>	<a href="#">GitHub</a> — <a href="#">Docker Hub</a>
<ul style="list-style-type: none"><li>• Developed a CNN-based tool achieving 92% accuracy on a dataset of 25,000 labeled images for early skin cancer detection.</li><li>• Deployed the solution on Docker, ensuring scalability and reducing setup time by 70%.</li></ul>	
<b>Remotif.ai</b>	<a href="#">GitHub</a> — <a href="#">Devfolio</a> — <a href="#">YouTube</a>
<ul style="list-style-type: none"><li>• Built an IoT-based system to monitor vital signs in real time, achieving 90% accuracy in predictions.</li><li>• Integrated ML models for a health chatbot, reducing response times by 20%.</li></ul>	

## Achievements

<b>EvoLUMIN ACM 2024 Grand Finale Shortlisting</b>	
Shortlisted for Remote Health Care Monitoring System using IoT devices.	
<b>Top 125 Ideas in ThingQbator Cohort 7</b>	
Selected for <i>HealthyHer</i> (health/wellness app) and <i>ResQLink</i> (emergency response system).	
<b>Google Solutions Challenge 2023</b>	<a href="#">Link</a>
Regional bootcamp shortlisting for enhancing flight efficiency and sustainability.	
<b>Technical Skills</b>	

## 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

<b>Microsoft Certified: Azure AI Engineer Associate</b>	<i>Nov 2024</i>
<a href="#">Link</a>	
<b>Foundations of Cybersecurity</b>	<i>Jan 2024</i>
<a href="#">Link</a>	

## Club Responsibilities

<b>Technical Team Member — IETE Amrita</b>	<i>Nov 2024 - Present</i>
<b>Content Writer — IoRT Trainee — Intel IoT Club</b>	<i>Jul 2024 - Present</i>
<b>Technical Team Member — Amrita Center for Entrepreneurship</b>	<i>Mar 2024 - Present</i>
<b>Research and Development Team member — Tensor Club</b>	<i>Oct 2024 - Present</i>