

# ADARSH SHIRAWALMATH

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## Education

<b>VIT, Vellore</b> <i>Bachelors of Technology in Computer Science and Engineering CGPA - 8.16</i>	<b>Sep. 2022 – Current(2026)</b> <i>Vellore, TN</i>
<b>Pace IIT and Medical</b> <i>Grade 12 Science 89/100</i>	<b>June. 2020 – June. 2022</b> <i>Mumbai, MH</i>
<b>Bal Bharati Public School</b> <i>Grade 10 - 94.8/100</i>	<b>2010 – March. 2020</b> <i>Mumbai, MH</i>

## Experience

<b>IISc, Bangalore</b> <i>Research Intern</i> <ul style="list-style-type: none"><li>Worked at the Vision and AI Lab (VAL), IISc, under prof. Venkatesh Babu - Chair and prof, CDS Dept., IISc.</li><li>Building the world's first open source multilingual AI Vision models, and relative frameworks to adapt VLMs to a 1000+ languages in a data agnostic manner.</li></ul>	<b>May 2024 – July 2024</b> <i>Bangalore, KA</i>
<b>Tensoic AI</b> <i>Founder</i> <ul style="list-style-type: none"><li>Founded Tensoic AI, a Multimodal Research Lab focusing on Indic languages. <b>Deemed as one of India's top 12 GenAI startups by AIM, 2024.</b></li><li>Raised MEITY 2.0 Grant. Led projects such as - Kannada Llama, Cerule.</li></ul>	<b>Sep. 2023 – Current</b> <i>Mumbai, MH</i>
<b>Capx AI</b> <i>AI Lead</i> <ul style="list-style-type: none"><li>Leading the development of the world's largest decentralized AI network, enabling seamless integration of AI capabilities across various platforms and applications. Build, ship and trade AI agents.</li></ul>	<b>Jan. 2024 – Current</b> <i>Dubai, UAE / Remote</i>

## Projects and Publications

<b>From Bytes to Borsch - UNLP 2024 Proceedings</b>   <i>Python, Transformers, Azure Cloud Platform</i> <ul style="list-style-type: none"><li>Fine-tuned Gemma and Mistral LLMs with Ukrainian datasets, improving their linguistic proficiency and benchmarking against existing models.</li><li>Introduced the Ukrainian Knowledge and Instruction Dataset (UKID) to aid future language model fine-tuning efforts.</li></ul>	<b>March 2023</b>
<b>Kannada LLaMA - One of World's First Indic AI Models</b>   <i>Transformers, Azure Cloud Platform</i> <ul style="list-style-type: none"><li>Developed Kannada Llama, one of India's first Indic language models. pre-trained and fine-tuned Llama-2 on a 600 million+ token Kannada corpus.</li><li>Released under commercial open source licenses. <b>Model evaluated by 90,000+ participants in Microsoft Research India's Pariksha Project</b></li></ul>	<b>March 2023</b>

## Technical Skills

**Languages:** Python, Java, C, C++, HTML/CSS, JavaScript  
**Developer Tools:** GitHub, Linux, VS Code, Azure Cloud Platform, Google Cloud Platform  
**Technologies/Frameworks:** Pytorch, Transformers, Langchain(contributor), LlamaIndex, WordPress

## Extracurricular

<b>HackerOne</b> <i>Hacking around stuff</i> <ul style="list-style-type: none"><li><b>At age 15, was rewarded a \$2,900 bounty by Shopify</b>, for discovering and disclosing a critical vulnerability in Shopify's Digital Download Service — HackerOne Report #1044285</li></ul>	<b>Nov. 2020</b> <i>Mumbai</i>
<b>VIT - Hackathons and Startups</b> <i>Student</i> <ul style="list-style-type: none"><li>Previously founded a Fintech AI company and received a grant of RS. 2.5 Lakhs for the same under the MEITY scheme</li><li>Won Best Freshers Award - DevSoc'23 Codechef and VinHack'23 - VinnovateIT</li></ul>	<b>Present</b> <i>VIT, Vellore</i>