

ADARSH SHIRAWALMATH

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Education

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

Experience

IISc, Bangalore <i>Research Intern</i> <ul style="list-style-type: none">Worked at the Vision and AI Lab (VAL), IISc, under prof. Venkatesh Babu - Chair and prof, CDS Dept., IISc.Building the world's first open source multilingual Vision models, and relative frameworks to adapt VLMs to a 1000+ languages using synthetic data generation.	May 2024 – July 2024 <i>Bangalore, KA</i>
Tensoic AI <i>Founder</i> <ul style="list-style-type: none">Founded Tensoic AI, a Research Lab focusing on Indic languages. Deemed as one of India's top 12 GenAI startups by AIM, 2024.Received MEITY 2.0 Grant. Led projects such as - Kannada Llama, Cerule(Gemma+SigLip VLM)	Sep. 2023 – Current <i>Mumbai, MH</i>
Capx AI <i>AI Lead</i> <ul style="list-style-type: none">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.	Jan. 2024 – Current <i>Dubai, UAE / Remote</i>

Projects and Publications

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

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

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