

# Priyadharshini Sridhar

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## EDUCATION

- **B.Tech Artificial Intelligence & Data Science:**  
*Shiv Nadar University, Chennai* September 2022-April 2026  
CGPA: 8.5 (semester I to VI)  
Vertical Lead: Coding Club, President: Competitive Programming team  
Founding Member, Delta Hackathon Team - Collaborated on various projects, took part in various hackathons  
President, Standup Comedy club; Multi Instrumentalist on college band

## EXPERIENCE

- **Google - SWE Intern (Bangalore, Onsite)** May 2025 – August 2025
  - Designed, implemented and tested an intelligent user sentiment escalation system as part of an upcoming feature on the YouTube Creator Support Quality team.
  - Reduced existing user dissatisfaction metrics on SAM by 90% through this tool.
- **Archways AI - SWE Intern (Remote)** July 2024 - September 2024
  - Worked with co-founders to develop the product MVP using Next.js, TypeScript, Python.
  - Worked on Claude via DSPy and Langchain to develop full stack features to provide personalized software recommendations and improve the value of the product.
- **Codincity - AI/ML Intern (Hybrid)** June 2024 - July 2024
  - Collaborated with senior engineers and data scientists on a project to develop an AI analysis tool for company logs.
  - Implemented RAG pipelines with Azure OpenAI on llama-index for upload of context documents

## PROJECTS

- **TholirchalAI:**  
*JavaScript, Next.js, Python, Twilio, React Native* December 2024 - January 2025
  - Built a **real-time credit risk assessment** system by combining traditional financial data with alternative sources such as social media, utility payments, and spending patterns, and developed an **audio agent** for automated data collection.
  - Successfully demonstrated the solution, earning **2nd place** in Shaastra at **IIT Madras**.
- **Interview Buddy:**  
*TypeScript, Python, LLMs(Gemini), Text to Speech, Reverse Engineering, Flask, JavaScript* March 2024 - June 2024
  - Developed a tool for **virtual technical coding interview preparation** centered on LLMs using live text to speech models
  - Integrated Python and JavaScript to create an algorithm providing **real-time feedback** on code typing efficiency, syntax correctness, and speed
- **Course GPT:**  
*Typescript, Python, LLMs(OpenAI/Llama), Next.js, Tesseract, SQLite, Flask* October 2023 - December 2023
  - Contributed significantly to the backend for CourseGPT, an award winning **AI course generator** in a collaborative project with three SNUC peers.
  - Created key features and developed tools that contributed to the success of the project in a hackathon.

## TECHNICAL STACK

- **Programming:** Python, Javascript, Typescript, SQL, HTML, CSS, Sass, Tailwind CSS
- **Framework/Libraries:** React, Node.js, Next.js, LlamaIndex, LlangChain, DSPy, Django, Flask, Opencv, Numpy, Pandas, Scikit
- **Skills:** Full-Stack development, Data Structures and Algorithms, Machine Learning, AI, Problem Solving, Exploratory Data Analysis and visualization, Data Science, Computer Vision, OOPs, DBMS, LaTeX
- **Certification and Courses:** Microsoft-AI with Azure (rank 1), AWS-DeepRacer

## ACHIEVEMENTS AND HONORS

- **Runner-up, IndustriAi Hackathon** - IIT Madras, Shaastra: Placed 2nd out of 1000+ teams
- **Meta Llama hacks:** India Finalist and youngest participant, won Qdrant track prize
- **Runner-up, YouTube Build Day** – Internal Hackathon: Secured 2nd place in YouTube's company-wide hackathon
- **Runner-up, Envision Hackathon** - IEEE at SSN College of Engineering: Placed 2nd out of 100+ teams
- Completed **Advent of Code 2023, 2024** : solving Advent of Code 2022 challenges
- Max of **3 stars** on **CodeChef**: Rating: 1622, Global rank 15,000
- Top 5% WorldWide on **Leetcode**: Rating of 1856, Global rank 20,000, **Knight** Badge Holder
- Mentor at **CodessCafe**: , **AlgoZenith** Chapter lead at university, **Geeks for Geeks** Campus Manthri