

SRINARAYAN SRIKANTH

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Summary

Passionate Computer Science student with hands-on experience building AI agents to optimize workflows. Skilled in applying real-world solutions through internships at companies like Neural Metrics and Comcast. Brings a diverse perspective from academic and professional experiences in both the U.S. and India.

Education

Drexel University

Class of 2029

B.S. Computer Science

Philadelphia, PA

- A.J. Drexel Scholarship Recipient

Experience

Comcast Corporation

Sept. 2025 – Present

Philadelphia, PA

AI Strategy, Development & Business Transformation Co-op

- Collaborate with senior executives and business units to identify high-impact AI use cases and drive enterprise-wide adoption.
- Research and evaluate emerging AI tools, startups, and partnerships to strengthen Comcast's internal AI capabilities and strategic position.
- Develop, prototype and demo AI-powered applications and tools to executive leadership teams for deployment across departments.
- Support go-to-market strategies and partnership evaluations for integrating new AI technologies within Comcast's ecosystem.

NeuralMetrics

July 2025 – Aug. 2025

Chennai, India

AI Product Intern

- Developed AI-driven intelligent code verification system integrated with Bitbucket & Jira, reducing manual review effort by 50%.
- Built scalable FastAPI backend and AI-powered PDF extraction tool using OpenCV, Tesseract, Regex, PyMuPDF, LayoutParser.
- Streamlined CI/CD with Jenkins, Docker, and AWS (Bedrock, ECS, Lambda, EC2).
- Implemented AI Ops logging framework for monitoring model performance and anomaly detection.

Projects

Coached – AI Fitness Tracking App

2025 Passion Project

Tech Stack: React Native, TypeScript, Supabase, Google Gemini

- Full-stack AI app delivering sport-specific workout plans, analytics, and social features.
- Implemented Gemini-powered personalized coaching; native builds with Capacitor for iOS/Android.
- Interactive UI with Radix UI and shadcn/ui; backend/authentication via Supabase.

ASlearn – AI Sign Language Platform

2025 Philly CodeFest

Tech Stack: React.js, Flask, PyTorch, AWS

- Built real-time sign recognition app with YOLOv5 and PyTorch for gesture detection.
- Flask backend deployed on AWS for scalable low-latency access.

Certifications

Microsoft – Azure AI Essentials Professional Certificate

IIT (Mar 2024–Mar 2025) – Full Stack Web Development

LinkedIn Learning – Prompt Engineering, JIRA, Agile Software Development, Foundations in AI

DeepLearning.AI – AI with Python

HackerRank – Java, Python, React.js, CSS, Frontend Developer, Software Engineer, Problem Solving

Technical Skills

Languages: Python, Java, C++, Swift, SQL, JavaScript, TypeScript, HTML/CSS

Frontend: React, Angular, Tailwind CSS, React Query, React Hook Form, Recharts, Next-Themes, Lucide React

Backend/DB: Flask, FastAPI, Supabase, Firebase, REST API

Cloud: Azure (CosmosDB, AI Foundry), AWS (Bedrock, Lambda, Secrets Manager, ECS, EC2, Dynamo DB) Render, Vercel

AI/ML: PyTorch, YOLOvX, OpenCV, NLP, Tesseract, Regex, Gemini, Mistral, OpenAI, Qwen, Llama, PyMuPDF, LayoutParser

Tools: VS Code, Jenkins, Docker, PostCSS, Date-fns, Capacitor

Version Control: GitHub, GitLab, Bitbucket

Other: Final Cut Pro X, FAA-Certified Drone Pilot

American National Team Swimmer

- Captain - PTAC Swim Club; won 20+ gold medals at state and regional meets. (2016–2024)

- Won “Best Overall Freshman” at nationals 2025.