

# SRINARAYAN SRIKANTH

Princeton, NJ — Philadelphia, PA

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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

*B.S. Computer Science*

– A.J. Drexel Scholarship Recipient

**Class of 2029**

*Philadelphia, PA*

## Experience

### Comcast Corporation

*AI Strategy, Development & Business Transformation Co-op*

**Sept. 2025 – Present**

*Philadelphia, PA*

- 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

*AI Product Intern*

**July 2025 – Aug. 2025**

*Chennai, India*

- 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

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

**2025 Passion Project**

- 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

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

**2025 Philly CodeFest**

- 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.