Keshav Sreekantham

(512) 803-0327 | keshav.sreekantham@gmail.com | linkedin.com/in/ksreekan | github.com/KeshavSree

Education

Purdue University West Lafayette, IN
B.S. Computer Science, Data Science *May 2028* | ***GPA: 3.71***

- **Relevant Coursework:** Data Structures & Algorithms, Introduction to Machine Learning, Statistical Theory, Numerical Methods, Competitive Programming, Object-Oriented Programming, Foundations of Computer Science

Experience

Software Engineering Intern May 2026 – August 2026
NI (Emerson Test & Measurement) *Austin, TX*

- Architected the client-facing CLI automating private LLM deployment in Azure for **30+ Fortune 100 customers**.
- Designed air-gapped application installer, private-by-default networking, and Azure DevOps CI pipeline, unlocking adoption by **SpaceX, Lockheed Martin, KLA, and L3Harris**, among others.
- Shipped as the primary private-deployment path for NI's flagship AI service, cutting setup from **3 days** to **2 hours**.

Measurement Software Engineer September 2025 – May 2026
Continuity Pharma *West Lafayette, IN*

- Built a full-stack monitoring system (React.js, Node.js/Express) tracking live metrics at **sub-second latency**, enabling a **90% reduction** in manual equipment monitoring time.
- Engineered a real-time telemetry pipeline ingesting **2 million sensor readings daily** from on-site manufacturing equipment into MongoDB, with end-to-end traceability for **FDA-compliant** batch records.

Project Manager, ML Engineering January 2026 – April 2026
Reckitt - Purdue Data Mine *West Lafayette, IN*

- Led a **6-person team** unifying **5 legacy databases** into a research database for Mead Johnson Reckitt R&D.
- Developed a multi-step LLM pipeline to impute omissions to create a **state of the art** set of **300k** data points.

Software Engineering Intern June 2025 – August 2025
Spring Education Group *Austin, TX*

- Designed a normalized schema and migrated **5k+** legacy assessment records into queryable per-question data.
- Built an analytics dashboard (Next.js, FastAPI) enabling **65%** faster longitudinal assessment of exam performance.

Projects

ClubRecruiter | *Solo* | *Docker, React, Postgres, Next, Drizzle* | *clubrecruiter.app* August 2026 – Present

- Created an end-to-end recruitment/marketing analytics platform for clubs, gaining **3000+ users** in month one.
- Architected multi-tenant platform with subdomain and custom-domain routing, serving **8** organizations.

Redub | *Hackathon, team of 4* | *Modal, Cloudflare D1/R2, FastAPI, React* February 2026

- Orchestrated a serverless GPU environment on Modal, cutting full-video translation cost to **$0.27/min vs. industry leader HeyGen's $0.81/min.**
- Architected a **5-step** end-to-end ML pipeline, automating a 48hr+ process into a single-click workflow.

Leadership

Vice President of Marketing April 2026 – Current
Purdue Stack (Software Consulting Club) | purduestack.org *West Lafayette, IN*

- Shipped purduestack.org, instrumented with PostHog, reaching **15k+ visits** and gaining **7** company partnerships.

Director of Accelerator August 2026 – Current
ML@Purdue | mlpurdue.com/accelerator *West Lafayette, IN*

- Designed selection, curriculum, and technical review processes for **50+** participants building toward deployed demos.

Technical Skills

Languages: Python, Rust, Java, JavaScript, Bash, C++, SQL, HTML
Frameworks: React, Next.js, Express, FastAPI, Django, Flask, Tailwind CSS
Developer Tools: AWS, Azure, GCP, Docker, Kubernetes, Terraform, Bicep, CI/CD, Git, GitHub, PostgreSQL, MySQL, MongoDB, NoSQL, Linux, Cloudflare, Vercel, OAuth