

# Shreyaas Sureshbabu

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## SKILLS

- **Languages:** Python, Scala, Go, Rust, Java, SQL, C, C++, C#, JavaScript, TypeScript, HTML
- **Frameworks:** Spark, Hadoop, Kafka, Node.js, React.js, Next.js, Flask, TensorFlow, PyTorch, NumPy, Pandas
- **Tools:** Docker, Kubernetes, Git, Jenkins, MongoDB, PostgreSQL, GraphQL, Azure, AWS, GCP

## EXPERIENCE

### Artemis Analytics 🔗

Dec 2025 - May 2026

Software Engineering Intern, Applied AI

New York, NY

- Developed a **multi-agent, Python-based** automated market report generator; aggregated data from **Snowflake data lake**, X posts, and web sources to derive **quantitative/qualitative insights**, delivering weekly Stablecoin market reports that streamlines analysis for stakeholders
- Built a **Python-based** investment memo generator that uses **LLMs** to synthesize structured **financial data, qualitative disclosures**, and **historical performance** into **analyst-style investment memos** used for company evaluation and decision-making
- Designed and engineered an **autonomous, Python-based** data pipeline to extract, normalize, and reconcile **GAAP and non-GAAP** metrics from **all filings and investor presentations** for **440** public and private companies, replacing manual and vendor-dependent workflows used in institutional equity research

### Neuralink 🔗

Sep 2025 - Dec 2025

Software Engineering Intern, Lab Systems

Fremont, CA

- Developed **Typescript, Ruby**, and **Python-based** end-to-end inspection tool for **25+** stages of thin-film array production, which boosted overall thin film array yield by **10%+**, by integrating defect recording capabilities for the microfabrication team
- Built AI-powered array defect detection tool, achieving **97.5%** accuracy in labeling defects, by implementing a **YOLOv11** model with a **Python-based** data pipeline for processing array image data and training the model

### xAI 🔗

May 2025 - Aug 2025

Software Engineering Intern, X Core Services

Palo Alto, CA

- Deployed **X News** portal to **37.5 million** users on X's web version, and expanded the **X News** articles to include sports trends and entertainment trends in Python; increased Explore Page clicks by **15.5%**
- Built a **Scala** and **Python-based** backend system that classifies processes and ranks **12,000+** News Articles, Live Events, and Trends daily, serving the highest-engagement content to users based on their personalized topic preferences
- Refactored **Python-based** Grok Story generation pipeline, causing **22.5%** increase in Grok Story clicks and **1.16%** increase in user Daily Active Minutes, and gained **2.4 million** impressions with Widget feature rollout
- Built **Scala** and **Python-based** backend for Personalized Explore Page, which will serve News Articles, Broadcasts, Audiospaces, Grok Stories, and Live Events to **250 million** daily active users
- Refactored trend generation pipeline to use **Python-based NVIDIA cuML clustering algorithm**, resulting in a **99.33%** reduction in runtime

### X (formerly Twitter) 🔗

Jan 2025 - May 2025

Software Engineering Intern, Core Services

New York, NY

- Optimized bare metal resources, saving **128,000 CPU cores** by refactoring a **Scala-based** service which handles **4.5 million** requests per second
- Engineered **Python-based** backend for the **X News** portal, including overall infrastructure, and key components such as article image selection and trend noteworthiness for over **3000+** daily Grok Stories
- Developed a new **Scala-based** push notifications stack with Grok Stories integration, handling **20-30 Grok Stories** and **10 million** users per request

### Coinbase 🔗

May 2024 - Aug 2024

Software Engineering Intern, Institutional, Reporting & Monetization

Mountain View, CA

- Reduced querying workflow runtime for trading fees by **30%**, by implementing a newer **Golang** and **SQL-based** in-house querying API, and optimizing API design and **SQL** queries to **Snowflake** data lake

## EDUCATION

### New York University

May 2026

Bachelor of Science in Computer Science, Finance | [About the Program](#)

**Coursework:** Operating Systems, Data Structures, Algorithms, Discrete Math, Parallel Computing, Artificial Intelligence

**Extracurriculars:** NYU Blockchain & Fintech Head of Development, Marketing Director, Development Team Member, Bittensor Team Member, NYU Business Analytics Club ML Team Member, Insight Team Project Manager