

Varun Puskur

Houston, TX | puskurvarun@gmail.com | +1 (346) 971-9272 | [linkedin.com/in/varunpuskur](https://www.linkedin.com/in/varunpuskur) | varunpuskur.com

OBJECTIVE

Computer Science undergraduate seeking a Summer 2026 internship in software engineering, data analytics, or AI/ML to apply Python, SQL, and machine learning skills on impactful projects.

EDUCATION

Bachelor of Science in Computer Science

Virginia Tech, Blacksburg, VA

Expected May 2029

SKILLS

Languages: Python, SQL, JavaScript, HTML/CSS

Frameworks/Libraries: Flask, Pandas, NumPy, scikit-learn, Matplotlib

Tools: Git, GitHub Actions, SQLite, Jupyter Notebook, Excel (Advanced)

Spoken Languages: Hindi (Fluent), Telugu (Fluent), Spanish (Intermediate)

EXPERIENCE

Data Analyst Intern

ValueLabs, Hyderabad, India

June 2024 – August 2024

- Analyzed clinical-trial datasets on mutant diffuse glioma, focusing on post-radiotherapy outcomes.
- Engineered SQL queries and Python pipelines to efficiently clean and process clinical trial data, improving dataset reliability.
- Built Excel dashboards and Matplotlib charts to visualize treatment trends for the clinical research team.
- Streamlined workflows with the Voiant Clinical data science team, supporting stronger predictive models.

Product Development Intern (CEO Shadow Program)

Rava AI, Hyderabad, India

Spring 2024

- Shadowed engineers and the CEO in the full lifecycle of an AI-driven product, from sprint planning through deployment.
- Conducted market research and documented 3+ product development workflows to facilitate early-stage deployment.
- Gained hands-on exposure to agile collaboration and startup development practices.

PROJECT EXPERIENCE

AES File Encryption Web App

Independent Project

October 2024 – January 2025 | [GitHub](#)

- Built Flask web app (“Encryptron”) for secure file encryption/decryption using a custom Feistel cipher and SHA-256 key derivation.
- Implemented in-memory file handling and ZIP compression to reduce storage requirements.
- Protected user data with salted password hashing and SQLite-based role access control.

Personal Portfolio Website

Independent Project

January 2024 – Present | [Portfolio](#)

- Designed and deployed a responsive portfolio website showcasing projects and résumé, deployed on AWS with optimized load times.

LEADERSHIP EXPERIENCE

Event Coordinator

Ignite Hackathon, Sreenidhi International School

September 2024 – November 2024

- Orchestrated the school’s first-ever 36-hour hackathon with 250+ participants and 20+ submitted projects.
- Raised \$4,500 in sponsorship and partnerships to cover event costs and prizes.
- Coordinated a 40-member organizing team, defining challenge prompts and judging logistics.

Event Operations Lead

Sreenidhi Fiesta, Sreenidhi International School

October 2023 – March 2024

- Oversaw planning and operations for a fundraiser with 800+ attendees, raising \$7,000 to support underprivileged education.
- Directed a 45-member student team, managing vendor coordination, ticketing, and event logistics.