VARUN PUSKUR

Houston, TX | (346) 971-9272 | puskurvarun@gmail.com | LinkedIn | GitHub | varunpuskur.com

EDUCATION

Virginia Tech, Blacksburg, VA **Expected May 2028**

Bachelor of Science in Computer Science

GPA: 3.6/4.0 | **Major GPA:** 3.8/4.0

Coursework: Software Design & Data Structures (CS2114, Java), Computer Organization I & II (CS2505/2506: C, RISC-V assembly, pipelining), Problem Solving (CS2104)

TECHNICAL SKILLS

Languages: Python, Java, C, SQL, HTML/CSS

Libraries and Frameworks: Flask, React, Redux, Pandas, NumPy, Matplotlib

Tools and Platforms: Git, Linux, SQLite, AWS Amplify, Vercel, Gemini API

PROJECTS

Ledgerly | Personal Finance Web App (HackViolet 2026, Virginia Tech) **Feb 2026**

React, Redux, Recharts, Gemini API, Vercel | Live Site

- Built and deployed a personal finance tracker with a team of 4 in 24 hours: categorized transaction logging, spending and income charts, savings goals, and automatic detection of recurring subscriptions.
- Integrated a Gemini-powered assistant that answers questions about the user's own data, such as "Is my current burn rate safe?"

Encryptron | File Encryption Web App **Oct 2024 - Jan 2025**

Python, Flask, SQLite | GitHub

- Built a Flask web app that ZIP-compresses and encrypts uploaded files fully in memory, so no unencrypted copy is ever written to disk.
- Implemented registration and login with salted password hashing (Werkzeug) and SQLite storage, so stored credentials are unusable if the database leaks.

EXPERIENCE

Data Analyst Intern | ValueLabs **Jun 2024 - Aug 2024**

Hyderabad, India

- Cleaned and processed 15,000+ clinical trial records using Python and SQL for post-radiotherapy glioma research, saving 10 hours per week in manual data preparation.
- Built Excel dashboards and Matplotlib charts to summarize treatment trends for the Voiant Clinical team, reducing reporting preparation time by 30%.

Product Development Intern | Rava AI **Mar 2024**

Hyderabad, India

- Compared 5 AI products across target audiences, features, and subscription pricing to assess market positioning.

LEADERSHIP

Event Coordinator | Ignite Hackathon **Sep 2024 - Nov 2024**

Sreenidhi International School

- Organized the school's first 36-hour hackathon for 250+ participants, with 20+ submitted projects.
- Coordinated a 40-member organizing team and managed challenge prompts and judging logistics.
- Raised $4,500 in sponsorships and partnerships to fund event costs and prizes.