

# SAMVRITH ANAGOLUM

Bengaluru, Karnataka, India

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Software Engineer · Frontend/Web Dev · Problem Solver · Team Player

## WORK EXPERIENCE

**Sahamati** — *Software Engineer*

Aug 2025 — Present

Non-profit alliance for Account Aggregators in India, building consent-based data-sharing tools.

- **Enhanced Ops Console Dashboard:** Date filters, success/failure counts, timestamps, and Excel downloads.
- **New Ops Console UI:** Layouts, sorting, pagination, tooltips, downloads, and theme preferences.
- **Automated alerts:** Node.js + Kubernetes CronJobs with retries and failure safeguards.
- **DevOps automation:** Updated Helm charts, workflows, configmaps, and image configs; debugged and supported/enabled Dev/UAT/Prod deployments.
- **Improved security:** Protected routes, unified auth checks, session timeouts.
- **Collaborated with engineering and deployment leads:** Refined designs, incorporated feedback, and drove testing, UAT, and production rollout.

## SKILLS

<b>Proficiencies</b>	Frontend Dev, Full Stack Dev, Web Dev, Software Design, System Design, DevOps
<b>Languages</b>	JavaScript/TypeScript, React.js/Next.js, Node.js, Python, Java, HTML/CSS + Tailwind
<b>Backend</b>	FastAPI, Node.js, REST APIs, Auth/Session Mgmt, CronJobs, PostgreSQL, Redis
<b>Infrastructure</b>	Kubernetes, Helm, Docker, GitHub Actions (CI/CD), Linux/Shell, NGINX
<b>Databases/Storage</b>	MongoDB, DynamoDB, PostgreSQL, Redis
<b>Dev Practices</b>	Git/GitHub, Testing/TDD, Documentation, Agile, Automation
<b>Soft Skills</b>	Strong Communicator, High EI, Creative, Leadership, Flexible, Team-Oriented

## PROJECTS

**Schelper** ([GitHub](#)) — *Lead Developer*

Nov 2024 — May 2025

A web-based class scheduling app built for internal use at Penn State.

- Built with: Next.js, Tailwind CSS, MongoDB, NGINX, PM2
- Collected requirements. Built frontend/UI, logic, backend, document structuring, and more. **(Team of 3)**

**DineAndDiscover** ([GitHub](#)) — *Software Engineer*

May 2024 — Aug 2024

An event discovery and reservation app for a hypothetical theme park.

- Java (NetBeans), SQLite
- I built user auth, profile & event management, and checkout flows. **(Team of 2)**

**Pic To Plate** ([GitHub](#)) — *Backend & Integration Engineer*

Aug 2023 — Jan 2024

A recipe recommendation app with NLP + computer vision to suggest recipes from images.

- Next.js, Tailwind CSS, FastAPI, PyTorch, DynamoDB, AWS EC2
- I did the full backend and integration of the web-app and some of the frontend. **(Team of 4)**

**The Ramiverse** ([GitHub](#)) — *Frontend Developer*

May 2023 — Aug 2023

A virtual world sharing platform for exploring Unity-built environments.

- Next.js, Tailwind CSS, MongoDB, AWS S3, CloudFront, EC2
- I built most of the frontend/UI, and some routers/backend/db connection. **(Team of 4)**

## EDUCATION

**B.S, Software Engineering**, Pennsylvania State University · GPA: 3.5/4 · Dean's List × 2

2021 - 2025

## INTERESTS

**LeetCode** 100+ LeetCode

**Piano/Music:** Trinity Grade 8 Piano — My [YouTube](#) Channel

**Snooker** Highest break in game: 35