

SAMVRITH ANAGOLUM

Bengaluru, Karnataka, India

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

WORK EXPERIENCE

Sahamati — <i>Software Engineer</i>	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

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

PROJECTS

Schelper (GitHub) — <i>Lead Developer</i>	Nov 2024 — May 2025
A web-based class scheduling app built for internal use at Penn State.	
<ul style="list-style-type: none">• 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) — <i>Software Engineer</i>	May 2024 — Aug 2024
An event discovery and reservation app for a hypothetical theme park.	
<ul style="list-style-type: none">• Java (NetBeans), SQLite• I built user auth, profile & event management, and checkout flows. (Team of 2)	
Pic To Plate (GitHub) — <i>Backend & Integration Engineer</i>	Aug 2023 — Jan 2024
A recipe recommendation app with NLP + computer vision to suggest recipes from images.	
<ul style="list-style-type: none">• 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) — <i>Frontend Developer</i>	May 2023 — Aug 2023
A virtual world sharing platform for exploring Unity-built environments.	
<ul style="list-style-type: none">• 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
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INTERESTS

LeetCode 100+ LeetCode

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

Snooker Highest break in game: 35