

GAGAN S

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SUMMARY

Full Stack Developer with 1.5+ years of hands-on experience building scalable, high-performance distributed applications using Django and AWS. Skilled in backend systems, API design, data modeling, and cloud-based storage and delivery. Eager to tackle complex engineering challenges and drive meaningful impact on a product-focused team.

EDUCATION

B.E. Information Science and Engineering, Dayananda Sagar College of Engineering
CGPA: 9.64

2024

SKILLS

Languages: Python, Go, JavaScript
Backend & Databases: Django, Flask, NodeJS, Gin, PostgreSQL, MongoDB, Redis
Cloud & DevOps: AWS (EC2, Lambda, S3, Elemental, DynamoDB), Docker
AI/ML: TensorFlow, LangChain, HuggingFace, RAG
Systems & Tools: REST APIs, Microservices, Celery, RabbitMQ, FFmpeg

EXPERIENCE

Full Stack Engineer

November 2024 – Present

Indee

Bengaluru

- Integrated **Recurly-based subscription billing** supporting multiple plans, proration, invoicing, and webhook-driven payment validation, driving an **8% increase in revenue**.
- Re-architected **video transcoding pipelines** using **AWS Elemental and Zencoder**, adding fault-tolerant retries and reducing end-to-end processing time by **10%**.
- Implemented scheduled cleanup jobs to **automatically delete original video assets** after a retention period, reducing **S3 storage usage by 30%** across **4.5M+ videos**.
- **Independently owned and evolved a core platform module**, delivering new features, maintaining APIs, and integrating **Strapi CMS** - driving faster content updates with no external dependencies.

Full Stack Engineering Intern

July 2024 – October 2024

Indee

Bengaluru

- Developed an **AWS Lambda-based event processor** to aggregate viewer engagement data, leveraging **Redis caching** to support analytics and enable seamless resume playback functionality.
- Migrated REST APIs from internal database IDs to **secure, auto-generated public keys**, eliminating enumeration vulnerabilities and directly contributing to **SOC 2 compliance**.
- Designed and integrated **Stripe payment workflows**, including webhook-based event handling to validate successful transactions and gracefully handle payment failures.
- Built internal automation scripts to **scrape and aggregate external data** for operations and sales teams, reducing manual effort and turnaround time.

PROJECTS

Pratyaksh [Github](#) | [Website](#)

- Pratyaksh uses Geographic Information Systems and Digital Image Processing for real-time infrastructure progress tracking.
- Built a Mobile app leveraging GIS and Image Processing for real-time infrastructure progress tracking, and reporting.
- **Technologies:** React Native, ReactJS, NodeJS, Flask, FastAPI

LearnZ - E-Learning platform [Github](#) | [Website](#)

- LearnZ is an e-learning platform with quizzes, syllabus management, and online lecture delivery.
- Built an E-learning platform with an NLP-powered recommendation engine that maps uploaded syllabi to relevant video lectures.
- **Technologies:** Python, Django, Docker

LEADERSHIP & ACHIEVEMENTS

- **Winner, Smart India Hackathon 2023**, built a real-time infrastructure monitoring solution using GIS and image processing.
- **19th global rank** (of 100+ teams) at AIAA Design Build Fly 2022 for Technical Design Report, representing **Team Arcis**.
- Contributed to **PyCon India 2025** website development, supporting a 1500+ attendee open-source conference.
- **Lead, Genesis Student Forum** - organized two 24-hour hackathons (Hackman) with 200+ participants and mentored a third.
- Developed the official event website for **IIT Madras BS Degree Program's Paradox**, serving 25000+ participants.