

Mehul Gosavi

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PROFILE

Software Engineer with hands-on experience in building secure, scalable backend systems using Python, Go, and distributed technologies. Strong foundation in OOP, data structures, and system design with experience of supporting production systems that handle a high volume of data pipelines in agile, cross-functional teams.

PROFESSIONAL EXPERIENCE

Cyble

Software Development Engineering - I

Aug 2025 – Present
Bangalore, India

- Designed and developed scalable backend services using Python, FastAPI, and Go, supporting high-throughput alert ingestion and processing pipelines.
- Worked on distributed Kafka-based systems handling over 1 billion alerts, ensuring reliability, fault tolerance, and performance under peak load.
- Investigated and resolved production issues, participating in incident triage and root-cause analysis to improve system stability.
- Contributed to infrastructure and deployment workflows (Devtron, CI/CD) to improve release reliability and operational efficiency.

Cyble

Software Engineering Intern

Feb 2025 – Jul 2025
Remote

- Developed backend components and automation using Python for production systems.
- Built and maintained API/UI test frameworks and integrated them into Jenkins CI/CD.
- Assisted in debugging and resolving issues in containerized, Kubernetes-based services.
- Followed engineering best practices including code reviews, documentation, and agile workflows.

PROJECTS

High-Performance Algorithmic Trading Backtester

- Built a high-performance data processing engine handling 50M+ records, emphasizing correctness, performance optimizations.
- Engineered a parallel processing architecture with Python's multiprocessing, achieving an ~85% reduction in execution time compared to a sequential run.

Django-based User Authentication and Session Management

- Implemented a secure login system using Django's authentication framework.
- Added features for user registration, password hashing, and session management.
- Ensured secure access control through input validation and error handling.
- Designed for scalability and integration with larger applications.

SKILLS

Python | GoLang | Node JS | C# | FastAPI | Django | Flask | RestAPI | SQL | Kafka | AWS | Google Cloud |
Jenkins | GIT | Docker | Kubernetes | JWT | OOP | Debugging | System Design | Concurrency | Multithreading

EDUCATION

Chandigarh University

Aug 2021 – Jun 2025

Bachelor of Engineering (Hons.) Computer Science and Engineering (with Specialization in Artificial Intelligence and Machine Learning) In association with IBM

India

CGPA: 7.11 out of 10