

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**  Aug 2025 – Present
Bangalore, India
Software Development Engineering - 1
 - Built and scaled backend services processing **1B+ lifetime alerts** for customer-facing systems.
 - Owned UI-facing and access APIs aggregating data across **50+ services**.
 - Implemented Kafka consumers handling **high-volume burst traffic**, with robust validation and persistence in PostgreSQL.
 - Delivered **order-of-magnitude improvements in API response times** through SQL optimization, indexing, and service tuning.
 - Improved system reliability by fixing production memory leaks and reducing customer escalations.
 - Supported GDPR compliance and production operations via Kubernetes and Devtron.
- Cyble**  Feb 2025 – Jul 2025
Remote
Software Engineering Intern
 - Developed backend components for production systems using Python.
 - Debugged Kubernetes services, resolving **CrashLoopBackOff** and configuration issues.
 - Earned full-time conversion through early ownership and production impact.


📁 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
India
Bachelor of Engineering (Hons.) Computer Science and Engineering (with Specialization in Artificial Intelligence and Machine Learning) In association with IBM
CGPA: 7.11 out of 10