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
Software Development Engineering - 1   Bangalore, India

- 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
Software Engineering Intern   Remote

- 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

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🎓 EDUCATION

Chandigarh University ↗   Aug 2021 – Jun 2025
Bachelor of Engineering (Hons.) Computer Science and Engineering (with Specialization in Artificial   India
Intelligence and Machine Learning) In association with IBM
  CGPA: 7.11 *out of* 10