Mayank Saxena

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EDUCATION

UNIVERSITY OF ALLAHABAD
B.Tech. in Computer Science and Engineering
May 2018 - May 2022
Prayagraj, Uttar-Pradesh , India
CGPA: 9.225/10

ST. FIDELIS SENIOR SECONDARY SCHOOL
Intermediate
Aligarh, UP, India
PERCENTAGE: 91.6

THREE DOTS SCHOOL
High School
Aligarh, UP, India
CGPA: 10/10

ACHIEVEMENTS

- Employee of the Month (Jan 2025, Aug 2023)
- Best Performer of the Year (2023)
- Best Performer of the Month - 6 times (Jun 2024, Jan 2024, Oct 2023, Mar 2023, Nov 2022)
- Continuous Excellence (Dec 2022)
- Emerging Star of the Month (Jul 2022)

SKILLS

PROGRAMMING
Experienced:
Golang • Kubernetes • GCP • Docker • Kafka • RabbitMQ • C++ • PHP • Python • PostgreSQL • gRPC • pgx • AMP
Familiar:
BASH • C • R • MySQL

TOOLS/APPLICATIONS
Visual Studio • Jupyter • Git • MATLAB

OPERATING SYSTEMS
Linux • Windows • UNIX

LINKS

LinkedIn : linkedin.com/MayankSaxena
GitHub : github.com/1xlblaze
GeeksforGeeks: mayankidmsaxena
LeetCode: mayankidmsaxena

EXPERIENCE

INDIAMART INTERMESH LIMITED | Engineer
March 2022 – present | Noida, IN

- **Critical Service Leadership:** Managed and optimized the "Buyleads Display" and "Buylead Purchase" services, driving a **40% increase in transactions** and a **55% reduction in irrelevant leads**, significantly enhancing client satisfaction and service reliability.
- **Innovative Microservice Development:** Engineered **20+ microservices** with **0% delay rates**, enhancing product transactions and user experience through efficient and timely delivery.
- **Infrastructure Optimization and Cost Reduction:** Re-architected the Buylead Display infrastructure, achieving **annual cost savings of 24.7 lacs**. Migrated logs from RabbitMQ to Kafka, improving performance in high-throughput environments.
- **Dynamic Email Content Integration:** Implemented AMP for dynamic email content, resulting in a **3.7% increase in transactions** and a **27% boost in click-to-consumption rates**, enhancing user engagement.
- **End-to-End Process Management and Optimization:** Led the buyleads and enquiry process, integrating 'pgx' for connection pooling, leading to a **60% P99 response time reduction** in Buylead Display services.
- **Strategic Service and API Re-architecture:** Redesigned critical services and APIs, achieving a **35% reduction in resource utilization**, cutting costs and enhancing transaction efficiency.
- **Advanced Technical Implementations:** Optimized system performance with caching, connection pooling, locks, and multi-threading in Go, demonstrating scalability and efficiency.
- **Cloud Deployment Mastery:** Successfully deployed **5+ services** on Google Cloud Platform using Kubernetes, maximizing resource utilization and deployment efficiency.
- **Proactive Bug Resolution and Software Updates:** Addressed and optimized **100+ API stories**, bug fixes, and software updates, aligning functionality with evolving client needs and industry standards.

PUBLICATIONS

- **Tech Learning Session on Micro-Service and Optimization:** Presented on June 28, 2024, demonstrating advanced features and optimizations of the Buylead Display Service to enhance team knowledge and efficiency.
- H. S. Donepudi, **M. Saxena**, Y. X. Yun, P. Jansirani, S. S. Sethi and B. G. Banik, "A Comprehensive Study on Accident Detection Approaches," 2022 IEEE Delhi Section Conference (DELCON), 2022, pp. 1-9, doi: 10.1109/DELCON54057.2022.9753079.
- **M. Saxena** and S. K. Jha, "An Improved Procedure for Face Mask Detection using Convolution Neural Network," 2022 International Conference on Decision Aid Sciences and Applications (DASA), 2022, pp. 316-320, doi: 10.1109/DASA54658.2022.9764999.