kumar a

Engineering Manager, 6+ years experience
Mumbai, India
https://augmntx.com/profile/engineering-manager-kumar-a/axf4614

AugmntX
+91 9820045154 | hr@augmntx.com

6+ years of experience as a Product/Software Engineer, including 4+ years at BookMyShow. Possesses exceptional problem-solving skills, adept at building scalable systems and optimizing resources. Proven leader with a passion for delivering user-centric products aligned with product vision. Driven to leverage technology for impactful real-world solutions

INDUSTRIES: Entertainment, Information Technology

TECHNICAL SKILLS

• Microservices Architecture	6 years
• API	6 years
• Node.js	6 years
• software development	6 years
• API Development	6 years
• Project Management	5 years
• Kafka	5 years
• design patterns	5 years & 3 months
• SQL	5 years
• Docker	5 years
• redis	5 years
• golang	5 years
• Database Administration	5 years
• MongoDB	5 years & 5 months
• Risk Assessment	3 years
• Kubernetes	3 years
• Security	3 years

SOFT SKILLS

Communication, Teamwork, Problem-solving, Time management, Critical thinking, Design Thinking, risk management

PROJECT DETAILS

• User Segnmentation

Project Description: optimised rating algorithm by user segmentation of the 40 Million users
Responsibilities: technical lead, headed the engineering implimentation
Technologies: Golang, MongoDB, Kafka
Industry: Entertainment

• Ratings & Reviews

Project Description: Ratings and reviews is a product which is UGC on BookMyshow. which allows users to interact with BookMyshow
Responsibilities: product lead, overlooked the product, engineering and project management
Technologies: Golang, MongoDB, Kafka, Python, LLM
Industry: Entertainment

• Analytics Framework Implementation

Project Description: Established a robust analytics framework for comprehensive insights into system performance, product metrics, and business analytics.
Responsibilities: getting team insights of productivity, ROI and other analytics
Technologies: Agile, Lean
Industry: Information Technology

• User Data Consolidation Initiative

Project Description: Initiated and implemented a user data consolidation project, building a rationalization engine in collaboration with diverse teams.
Responsibilities: Writing jobs to consolidate diverse service by minimal dependency
Technologies: Kafka, RedshiftDB
Industry: Information Technology

• Fraud Detection and Content Moderation

Project Description: Developed a robust fraud detection, automation, and content moderation layer, reducing fraudulent activities by 80%.
Responsibilities: Driven Projects for whole life-cycle, Managed stakeholders, created product driven enviornment.
Technologies: Kubernetes, Redis, Golang
Industry: Information Technology

• Optimizing User Flow with Circuit Breakers

Project Description: Implemented circuit breakers and backend-driven user flows, optimizing the overall user experience.
Responsibilities: Driven Projects for whole life-cycle, Managed stakeholders, created product driven enviornment.
Technologies: Cloudflare, Redis, Python, AWS lambda
Industry: Entertainment

• App Engagement Boost with BMS Buzz

Project Description: Increased app engagement by 20% through the introduction of blog features, known as BMS Buzz.
Responsibilities: Building Event driven user workflow, managing database reliability and driving project management workflow
Technologies: NodeJS, ELK stack, Wordpress, PostgreSQL
Industry: Entertainment

• AWS Migration for Legacy Systems

Project Description: legacy systems to AWS, ensuring scalability and improved performance for over 40 million users.
Responsibilities: Led the transition of multiple services, legacy systems and database.
Technologies: AWS
Industry: Information Technology

• High-Traffic System Management

Project Description: Successfully managed high-traffic systems, accommodating 10 million users and handling peaks of 900,000 transactions per minute.
Responsibilities: Established a robust analytics framework for comprehensive insights into system performance, product metrics, business analytics. Setup System-Wide Health Checks Automation and driven many optimisation for developer feasibility and better system health.
Technologies: MongoDB, Kubernetes, Redis, Golang, NodeJS
Industry: Information Technology

EMPLOYMENT HISTORY

• Engineer August-2019 - September-2023

Description: Led a 4-member team; implementing agile and involved in lean processes improvements. Facilitated cross-team collaboration in movies, offers, payments, personalization sectors. Managed high-traffic systems (10M users, 900K TPM peaks). Established system, product, and business analytics. Developed POS solution for 25+ Tier 2/3 city cinema partners. Transitioned legacy systems to AWS for 40M+ users. Modernized Reviews & Ratings systems and algorithms, reducing operational costs by 60% and fake ratings by 80% through user segmentation. Increased rating activity by 70% with intuitive hashtag integration. Boosted partner sales to 30M+ in 4 years. Advanced fraud detection and content moderation, reducing fraud in RnR by 90%. Increased app engagement by 20% with blog features (BMS Buzz). Implemented system wide health checks automation and canary deployments. Co-launched 35,000+ RBL BMS Play co-branded cards and secured 8 brand partnerships.

• Software Developer March-2019 - October-2019

Finnxt Technologies

Description: Developed and deployed key product modules for Loannxt, a credit card lead generation platform. Maintained server infrastructure and enforced FinTech security protocols. Ensured server reliability and consistently met rigorous FinTech and partner standards.devise innovative sales & marketing plans enabling dramatic growth.

EDUCATION

• Bachelors degree in B.Tech from Maharishi markandeshwar university 2013 - 2017

LANGUAGES

• English - advanced

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