

GUNJAN GUPTA

SENIOR ENGINEERING MANAGER

PHONE | (+91) 6203290342
EMAIL | gunjan.bnk@gmail.com
LOCATION | Hyderabad, INDIA
EXPERIENCE | 19 Years 9 Months

Key Skills

- Unix
- Java
- SQL
- PL/SQL
- C
- Big Data
- Cassandra
- NoSQL
- MySQL
- SDLC
- Project Management
- Agile
- Team Management
- Kafka
- IoT
- Docker
- Kubernetes
- Restful Web
- Android
- AWS
- Elastic Search

Certification

Profile Summary

Experienced Senior Engineering Manager with a pioneering role in developing the Android based first touchscreen home security system. A visionary leader with a proven track record in startup environments, specializing in building IoT products, implementing Big Data solutions, and developing scalable microservices. Expertise includes home IoT, distributed systems, and Prompt Engineering. Adept at guiding projects from conception to launch.

Work Experience

Senior Engineering Manager

Johnson Controls

04/2013 - Present

- Recognized the need for managing a large-scale network of IoT devices. Led the development of a platform for provisioning, authentication, and remote operations. Oversaw a diverse team to design a secure, scalable architecture leveraging advanced cloud technologies. Successfully built a robust system handling billions of events for over 3 million devices, achieving a 30% reduction in false alarms, a 40% faster deployment process, and a remarkable 50% improvement in overall system efficiency.
- Identified inefficiency in managing and updating a growing fleet of IoT devices. Led the development of a system for remote provisioning, OTA upgrades, and real-time monitoring. Designed a scalable platform for secure device communication and patch deployment. Streamlined operations, enabling efficient remote management and updates for all devices. Saved truck load of 100\$ per device for the upgrade.

- Post Graduate Certification In Business Management (PGCBM), XLRI Jamshedpur

Languages

- English
- Hindi

Hobbies

- Favorite Books: Alchemist
Atomic Habits
- Music: Keyboard

Lead Member of Technical Staff

Copperheadsystems

05/2011 - 03/2013

- Pioneered Touchscreen Security System (IQPanel): Identified a gap in the market for user-friendly home security. Conceptualized and led the implementation of IQPanel 1 & 2. Developed a first-of-its-kind 7-inch touchscreen system on Android OS. Delivered a revolutionary solution for home security and automation.
- As the technical lead, I ensured project success. Drove technology adoption, provided technical support, and prioritized security. Implemented robust permission management and developed project roadmaps. Led the team to deliver a secure and innovative product within the IoT/Mobile ecosystem.

Senior Software Engineer

Oracle India Pvt Ltd

03/2007 - 05/2011

- Identified inefficiencies in resource-intensive tasks within Oracle Applications. Optimized Concurrent Processing features for better performance. Implemented automation to improve resource usage. Achieved 20% performance improvement.
- Faced complex framework-related problems within tight deadlines. Effectively diagnosed and resolved critical issues. Leveraged my technical expertise to deliver timely solutions. Ensured smooth operation and user satisfaction.
- Needed to improve efficiency in resolving customer queries. Implemented direct customer support through Oracle Web Conference. Conducted interactive troubleshooting sessions. Achieved faster resolution and enhanced customer experience.

Analyst

Verizon Data Service Pvt. Ltd.

06/2004 - 03/2007

- Identified limitations in managing Outside Plant Network and CPR data. Led implementation of branched tracing functionality. Collaborated with architects, and crafted technical & implementation plans. Significantly improved analysis capabilities.

- Verizon needed streamlined management for FTTP network expansion. Designed an intuitive UI leveraging FITS data. Developed a user-friendly interface for multi-dwelling unit ONT provisioning. Enabled 25% cost reduction through single ONT support.

Education

M.Tech - Computers

2022

Birla Institute of Technology and Science, Pilani

Grade - 8.6/10

B.Tech/B.E. - Computers

2004

National Institute of Technology, Calicut