

Nusrat Bano

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Dynamic senior leader with 20+ years of experience in automotive software, specializing in ADAS and infotainment. I excel in strategic project management, driving innovation, and fostering high-performance cultures to help organizations achieve their goals. In the past 3 years, I've led a 22MUSD ADAS portfolio, achieved 90% automation, boosted efficiency by 30%, and secured multiple patent filings.

SKILLS

Leadership and Strategies: Leadership & Strategic Management, Team Leadership and Employee Development, Organizational Leadership and Culture

Domain Expertise & Technical Management: Technical Project and Program Management, Product Engineering and Software Development, Agile Methodologies, Innovation and Process Improvement, Car Infotainment (Navigation, Smart Phone Integration, Telematics domain), ADAS domain, E&E Architecture

EXPERIENCE

BOSCH GLOBAL SOFTWARE TECHNOLOGIES LIMITED

BANGALORE, INDIA

Technical & Talent Director - ADAS Base Software & System Test

Jan 2021 to present.

- Generated 22 MUSD in revenue while spearheading ADAS Base Software and System Test topics, overseeing a team of approximately 350 professionals with a focus on quality, strategy, cost, and staffing.
- Transformed team culture to collaboration, boosting team performance. Prioritized faster rollouts and introduced cutting-edge technologies like AI/ML/NLP
- Enabled the team to file 7 patents within 2 years by driving innovation and creating multiple assets, fostering a robust culture of innovation.
- Achieved a 90% automation rate in system testing, reducing test duration from 2 months to 1 week, resulting in significant cost savings.
- Secured an additional 1 MUSD in savings by implementing initiatives beyond automation.

Engineering Manager, ADAS System Test

Feb 2020 – Dec 2020

- Generated 4 MUSD in revenue while spearheading ADAS Radar System Test topics, ensuring timely customer deliveries for over 30 projects for 10+ OEMs.
- Transformed the organizational culture to prioritize innovation by leading workshops, fostering communication, and driving initiatives.

Senior Program Manager, Car Infotainment

Nov 2018 – Jan 2020

- Secured 6 Smart Phone Integration Certifications within six months, while Spearheading Smart Phone Integration Certification across various OEMs, enhancing process efficiencies and customer satisfaction.

- Orchestrated the transfer of 13 MUSD worth of business from Germany to India, establishing operational frameworks and steering committee oversight.
- Defined a template for responsibility takeover, establishing a sustainable organizational handover process, introducing satellite teams for faster resolution and delivery, and creating multiple high-value roles.

Engineering Manager, Navigation Software & Telematics

Jul 2013 – Oct 2018

- Achieved 20% year-on-year growth, leading C++ based multithreaded Embedded Navigation software development and delivery with CX pipelines.
- Led technical discussions and workshops across multiple countries to seed the telematics business. Successfully built and expanded a new team from 2 to 12 members within a year, establishing fresh topics.

Project Manager, Navigation Data & ProbeCarServer

Jan 2008 – June 2013

- Led as the Project Manager and SPOC for multiple NDS data compilation projects, utilizing C++, Java and Oracle DB. Managed all forms of geographical and NDS data, real-time data aggregation for Navigation attributes, while overseeing successful project transfers from Germany. Successfully implemented Scrum methodology and CX pipelines with nightly builds, ensuring efficient and reliable project execution.

I have worked as software developer 2004 and 2007 and Implemented C++ based Navigation data compilation software and tools

I have also worked at ITI Limited, HPCL Limited and Mphasis Limited between 2000 and 2004.

EDUCATION & CERTIFICATIONS

PROJECT MANAGEMENT PROFESSIONAL (PMP)

Project Management Institute (PMI)

Oct 2011 to Oct 2026

MS – SOFTWARE SYSTEMS

PILANI, INDIA

Birla Institute of technology

Jul 2003 to Jun 2005

B.TECH. – ELECTRONICS & COMMUNICATIONS

LUCKNOW, INDIA

Institute of Engineering & Technology

Jul 1996 to Jun 2000

ADDITIONAL INFORMATION

- Member of the Internal Complaints Committee for Prevention of Sexual Harassment (POSH)
- **"Embracelt" Award** for balanced diversity (Mar 2023)
- **Featured in Bosch Social Media Campaign** on Women's Day (2023)
- **Women Achiever's Award** (Mar 2017)
- **Award for Associate Survey-15 "High Management Index"** (Oct 2016)
- **Project Manager of the Year Award (2011)**