Anshu Singh

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SYSTEM ENGINEER

Seeking a high-impact role where I can leverage my expertise to drive technological innovation and business growth.

Results-oriented System Engineer specializing in automotive systems, instrument clusters, and infotainment, with ASPICE expertise and an innovation-driven approach.

AREA OF EXPERTISE

- IBM DOORS
- Advance Excel
- Project Management
- Microsoft Office
- Agile Methodologies
- Requirement Analysis & Management
- Stakeholder Management
- Figma
- Communication & Team Work Skills

CAREER EXPERIENCE

System Engineer at Spark Minda Technical Centre, Minda, Pune

April 2023 – Present

- Proficient in developing and managing System Requirement Documents (SRDs) and system architectures of Advance Instrument Cluster, In-vehicle infotainment system aligned with ASPICE standards using IBM DOORS.
- Skilled in requirement elicitation and documentation techniques to ensure thorough understanding and clear articulation of project needs.
- Expertise in establishing traceability between stakeholder requirements, system requirements, and feature lists to maintain alignment throughout project lifecycle.
- Prepared benchmarking reports for e-Cockpit Feature lists by conducting comprehensive product studies and collaborated effectively with team members.

- Defined and documented system requirements for Advanced Driver Assistance Systems (ADAS), ensuring adherence to industry standards and regulations.
- Used Figma to create interactive wireframes of the vehicle's infotainment system, improving collaboration between design and engineering teams and leading to a 20% reduction in development time.
- Served as a liaison between product management, engineering, and quality assurance teams, ensuring seamless alignment on ADAS requirements throughout development stages

Associate Software Engineer, Clear Trail Technologies Inc., Indore

March 2022 – March 2023

- Acquired knowledge of network terminology including IPV4 and IPV6 packet counts, while developing a problem-solving mindset and writing optimized, testable C++ code.
- Proficient in real-time network packet analysis using Wireshark, with experience in analysing various networking protocols and live captured data.

ACCOMPLISHMENTS

- Streamlined infotainment design with Figma, reducing development time by 20%.
- Successfully produced a complete video for the **Auto Expo tech show**, showcasing the Instrument Cluster. Collaborated closely with the design team to ensure alignment with the product vision and delivered the final video a day ahead of the tech show, ensuring a smooth and timely presentation.
- Successfully collaborated with cross-functional teams to deliver complex product benchmarking on time and within budget.
- Gautam Buddha University (11/2019 - 11/2019)
  Event Organiser in Abhivyanjana
- Gautam Buddha University (11/2020 - 11/2020)
  Volunteer, Shaurayautsav (Annual Sports Meet)

EDUCATION

B. Tech (IT), August 2018 – Jun 2022   *8.59 CGPA*

Gautam Buddha University, Greater Noida

12th (PCM), May 2016- Jun 2017   *75.8%*

JP International School, Greater Noida

10th, May 2014- Jun 2015   *7.6 CGPA*

JP International School, Greater Noida

CERTIFICATIONS

- Machine learning by DUCAT at Gautam Buddha University, Greater Noida
- Intern Shala   *04/2020 - 06/2020*
  Web Development training
- The Sparks Foundation   *07/2021 - 08/2021*
  Intern as Web Developer and Designing
- Microsoft Advance Excel by UDEMY   *02/2025 - Present*