**RAJAMAHENDAR KATHI**

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Cologne, 24th July 2024

Dear Sir/Madam,

I am writing to express my strongest interest in applying for the position published on your website. I am confident that the roles and responsibilities match my skills and the extensive ***9 years*** work experience in top companies of the automotive industry makes me a perfect fit for the role. As career next step, my special interest would be gaining more experience in **software/System engineering** on demanded automotive areas **ADAS**, **Autonomous driving, Electric vehicle or cybersecurity**

***Robert Bosch***, ***ZF*** and ***Ferchau*** ***companies*** allowed me to gain valuable expertise and knowledge in automotive engineering.

Handling the role of **system engineer**at my work**,** responsible for **system test,** write **system functional test specifications, implement test cases** and **execute** in **bench** for **Porsche Battery management system (BMS) 12V**.

Worked with **GERMANY, NORTH AMERICA, and CHINA OEMs** on Automotive application projects.

Some highlights of my experience:

* **Requirement management** which includes analysis of **customer, system requirements** and create **software requirements** and **software architectural design updates**.
* **AUTOSAR application embedded software development** for different **automotive systems** using MATLAB/Simulink and code generator dSPACE.
* **Embedded software modules development** for **Bosch IoT products** using Hand coded **embedded c** programing
* **Agile SCRUM** Process, **V-Model** software life cycle.
* **Model based development, MIL/SIL, Bench test**.
* Function safety standards **ISO26262**, **Automotive SPICE** process, **AUTOSAR**, static code analysis **(MISRA, POLYSPACE),** Model guideline checks by **MXAM**.
* Certification in **FSCP LEVEL -1** FUNCTIONAL SAFETY ENGINEER BASED ON **ISO 26262:2018**, **Scrum master,** and organizational trainings on **ASPICE** and **AUTOSAR**.
* **Lead a team of engineers**, provide **technical knowledge** and **support**, responsible for **application software release**, involve in **technical, quality reviews** and project **assessments**.

Please review my attached resume for additional details regarding my expertise and career achievements. I would greatly appreciate the opportunity to speak with you regarding my candidacy. Thank you for your consideration.

Sincerely,

Rajamahendar Kathi