Nikhil Ganpat Navghade
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INFINEON GmbH,
Germany

Application for Systemingenieur für Radar Testsysteme (w/m/d) (2885)

Dear Hiring Professional,

I am writing to express my interest for this position at your organization. I would like to contribute my **T-shaped expertise** in automotive radar systems—combining deep technical proficiency in radar algorithms, signal processing, and system architecture with broad experience in cross-functional engineering and system integration. Over the past 10+ years, I have contributed to both **innovative radar R&D** and the successful delivery of radar prototypes, bridging the gap between research, algorithm development, and system deployment.

My **T-shaped profile** can be summarized as:

- **Deep Expertise (Vertical):** FMCW radar, MIMO/DOA algorithms, DSP systems, 1D–4D FFT processing, CFAR detection, beamforming, and multi-core system optimization. Delivered first 4×4 corner radar prototype at Fusionride within 1 year and contributed to 6×8 front radar design with real-time performance improvements.

- **Broad Capabilities (Horizontal):** Radar Field Application Engineering, SoC/MCU integration and debugging, technical workshops, cross-functional coordination, and Tier-1/Tier-2 customer support. Resolved ~90% of customer issues and trained engineers in hands-on sessions, accelerating onboarding and deployment.

I am highly motivated to bring my experience in **algorithm design, signal processing, and system-level optimization** to support advanced radar R&D initiatives. I would welcome the opportunity to discuss how my expertise can support your projects. Thank you for your time and consideration.

Sincerely,
Nikhil Ganpat Navghade