Dear Mr/Mrs,

I am Muzaffer, and I have been working as a hardware design engineer for 7.5 years, amassing significant expertise in the field of electronic engineering. My achievements and responsibilities in my current role have directed me towards seeking further growth and development opportunities, which is why I am drawn to your company.

In my current position, I have worked across every stage of hardware design, playing a pivotal role in the management of complex projects. Throughout this period, my ability to learn quickly, coupled with my determination and ambition, has enabled me to tackle challenging technical problems and devise innovative solutions. Additionally, my teamwork and communication skills have contributed to the successful completion of projects.

If my job application is approved promptly, I have a notice period of just 2 weeks. This means I can maintain my steadfast and resolute approach to relocating to company's location and commencing work in my new role. Furthermore, I should note that I am an engineer who does not panic when faced with a problem, and I am adept at breaking down large goals into manageable, actionable parts.

I prefer on-site work because it affords me greater opportunities for creative thinking and productivity. Face-to-face communication allows me to resolve issues more swiftly and collaborate more effectively with my colleagues.

Below is a summary table of my skills and experiences:

#	General Skills	Assessment (1-10)
1	Hardware Design	9
2	Problem Solving Ability	9
3	Teamwork	9
4	Communication Skills	10
5	Project Management	9
6	Automotive Industry Knowledge based on Electronics Component	8
7	Automotive Industry Knowledge based on ISO 26262	2

#	Technical Skills	Assessment (1-10)	Experience Period
1	Altium	8.5	2 years
2	Kicad	10	7 years
3	LTSpice	8	7 years
4	Matlab Simulink	5	3 months
5	Gerbv	10	7 years
6	Visual Studio	6	1 years
7	Visual Studio Code	8	2 years
8	STM32CubeIde	9	4 years
9	Code Composer Studio (Texas Instrument)	4	1 years
10	Github	8	5 years
11	yEd	10	5 years
12	Trello	10	2 years
13	MS Office	10	17 years
14	Libre Office	10	7 years
15	Linux-Ubuntu	8.5	5 years

#	Hardware Design Skills	Assessment (1-10)	Experience Period
1	Planning Design Block	10	7 years
2	Simulation	8	7 years
3	MCU Pin Assignment	9.5	7 years
4	PCB Design Compliant to (IPC-2221)	9.5	7 years
5	Multilayer PCB Design	10	7 years
6	Decide different temperatures density PCB Materials FR4 TG130-140-170- 180, Poly amide etc.	10	7 years
7	Create Symbol and Footprint of Component (IPC-7351)	10	7 years
8	Power Circuit Design as Switching Regulator, Switching Controller, PMIC	10	Totally 7 years
9	DC, BLDC, PMSM Motor Control Driver Design as discrete or using IPM module,	9	Totally 6 years
10	Communication circuits design using SPI, I2C, DAC, RS485, UART, Ethernet, CAN Bus, FlexRay, GSM, GNSS, Bluetooth, RF Sub 1 GHz, 433 MHz, Wifi 2.4 GHz, FSK	10	Totally 7 years
11	Analogue circuit design such as ADC, DAC, Active and Passive Filter, Current Read, Voltage Read,	9	Totally 7 years
12	Design with these MCU's Modules ; STM32xx, CC13xx Ti, TM4Cxx Tiva Series MCU, RK3399, Quectel MC60xx (GSM), EC200xx (LTE), EG915xx(LTE)	10	Totally 7 years
13	Creating Gerber Files, Pick & Places Files, DXF and Step files for Mechanical Design	10	7 years
14	Prepare Bill of Materials List	10	7 years
14	Oscilloscope, Function Generator and Another Test Eqp.	9	7 years

#	Firmware Skills	Assessment (1-10)	Experience Period
1	C Programming Language	7.5	7 years
2	Generating code with STM32CubeIde and prepare low level driver library	8	5 years
3	Hardware Verification with Firmware (STM32)	8	5 years
4	Firmware Testing with pooling mode, Interrupt Mode, DMA Mode (STM32)	8	5 years
5	UART Communication, Mod Bus ,CAN Bus ,SPI, I2C Communication, Analogue Input, DAC Output, PWM Generation, General Inputs and Outputs. (STM32)	8	5 years
6	Algorithm	4	6 months

I am eagerly looking forward to utilizing my commitment to your innovative approach and high-quality products and becoming a part of it in your company.

I hope my application is favorably considered, and I am excited to meet with you in the near future. Please feel free to reach out to me with any questions.

Sincerely,

Muzaffer Nizam

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