Badarpur Border
NEW DELHI, 110044
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amitkrbsc26@gmail.com

AMIT KUMAR

OBJECTIVE

Highly motivated and detail-oriented electronics engineer with hands-on experience in electronic circuit design, embedded systems, and quality control. Seeking a challenging position in the electronics industry where I can leverage my diverse skill set and contribute to innovative projects.

SKILLS

Electronics Engineering Skills:

- Electronic Circuit Design
- Semiconductor Fabrication
- Digital Circuit Design
- Network Analysis and Synthesis
- Control Systems
- Signal and Systems
- Communication Systems
- Electromagnetic WaveGuides and Antenna Propagation
- Embedded Systems
- Microprocessors and Microcontrollers

Skills:

- C & C++
- Python
- HTML, CSS, JavaScript
- Wordpress, SEO, SMO

EXPERIENCE

Sagedel Tech LLP, New Delhi — *Intern - Electronics Engineer*

July 2023 - December 2023

Roles and Responsibilities:

- Designed electronic schematics and circuits for various projects.
- Conducted quality control inspections for electronic kits to ensure high standards.
- Established quality standards for electronic kits.
- Assisted in HR tasks, including hiring and maintaining employee records.
- Managed employee records and salary distributions.
- Handled website management and graphic design tasks.

EDUCATION

University of Delhi, South Delhi — *M.Sc. Electronics (Pursuing)*

September 2023 – July 2025, Department of Electronic Science, South Campus

University of Delhi, South Delhi — *B.Sc. Electronics (Hons)*

September 2020 – July 2023, **Acharya Narendra Dev College**

CGPA – 7.432

GBSSS, Kalkaji New Delhi — *Class 12 (Science)*

April 2019 – July 2020, **CBSE Board**

Marks – 81.8%

GBSSS, Tehkhand New Delhi — *Class 10*

April 2019 – July 2020, **CBSE Board**

Marks – 81.8%

PROJECTS

Multifunctional Car Robot

Application: Remote control, line following, human tracking, obstacle avoidance, and voice command.

Sensors: Ultrasonic sensor, IR sensor, bluetooth module, Motor, PIR sensor

Technologies: Arduino, Wi-Fi, Mobile App Development

Key Features: Bluetooth control, real-time energy monitoring, voice recognition integration.

Robotics Arm Control

Built a robotic arm controlled by a microcontroller for tasks like picking and placing objects.

Technologies Used: Microcontrollers (Arduino), Servo Motors, Sensors, C++ Programming.

Key Features: High precision movement, user-friendly control interface, customizable applications.

Personal Details

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