

➤ **Contact:**

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## Hemendra Kumar Singh

Embedded Engineer



➤ **Skills & Expertise**

- ❖ Embedded Systems Development
- ❖ Microcontroller Programming (Holtek MCU, ARM Cortex, etc.)
- ❖ Technical Support & Customer Assistance
- ❖ Firmware Development (C, C++)
- ❖ Power Management Solutions
- ❖ Technical Documentation & Training
- ❖ Pre-sales and Post-sales Support

➤ **Education:**

- ❖ M.Tech (VLSI Design)  
From CDAC,  
Mohali affiliated to  
PTU, Jalandha (Punjab)
- ❖ B.Tech (E.C.E.)  
From ABES,  
Ghaziabad  
affiliated to  
U.P.T.U, Lucknow

➤ **Award/Achievements:**

- ❖ Two Times Gate Qualified in year 2007 & 2008
- ❖ Avail MHRD Scholarship During M.Tech
- ❖ My YouTube Channel Links:
  - [www.youtube.com/@hemendrakumarsingh2028](https://www.youtube.com/@hemendrakumarsingh2028)
  - [www.youtube.com/@hemendra829](https://www.youtube.com/@hemendra829)

➤ **Language:**

- ❖ Hindi
- ❖ English

➤ **Interests:**

- ❖ Listening music
- ❖ Watching movies
- ❖ Playing Indoor & Outdoor

**Summary:**

Focused & Hard-working Embedded Engineer with 1+year of professional experience in Holtek MCU.

➤ **Experience (Total 6 years 5 months):**

➤ **Field Application Engineer (1 year 5 months)**

- ❖ Key Operations & Electro-components Pvt Ltd      Sep 2023-Present  
As a Field Application Engineer  
Noida

**Key Responsibilities:**

- Provided technical support to customers for Holtek microcontrollers, ensuring seamless integration into their applications.
- Assisted in debugging hardware and firmware issues, leading to improved customer satisfaction and product reliability.
- Conducted product training and workshops for clients, increasing adoption rates and reducing support requests.
- Collaborated with sales teams to identify customer needs and provide tailored solutions, driving revenue growth.
- Developed firmware examples and reference designs to showcase product capabilities.
- Assisted in writing application notes and technical documentation for internal and external use.

➤ **As a Teacher (5 years)**

- ❖ Paradigm IT Technology Services      Dec 2022-Aug 2023  
IT Trainer  
Jhansi
- ❖ Apollo MedSkills Ltd.      Feb 2021-Nov 2022  
IT Trainer  
Lucknow
- ❖ SBET      Mar 2019-Jan 2020  
ITCP Trainer  
Bidhuna, Auraiya
- ❖ Eshan College of Engg.      Oct 2018-Mar 2019  
Asst. Professor in ECE Department  
Farah, Mathura
- ❖ SakRobotix Lab Pvt Ltd      Feb 2018-Mar 2018  
Robotics Trainer  
Bhuvneshwar
- ❖ SBET      Jan 2017-Feb 2018  
FTCP Trainer  
Bharthana, Etawah