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AMIT SINGH
M.E. - Electronics & Communication Engineering
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BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

Being an ECE engineer I have actively worked in both software and hardware fields of computing world. For all my engineering life I have tried my best to learn and contribute as much as I can to these fields. I am using computers from past 15 years and have worked on almost every OS from DOS to Linux to MacOS and have started developing apps for various platforms using flutter. My various apps are published on google play store having 10,000+ downloads.
I have also made various projects with Raspberry Pi, Arduino, 8085 and Gates and I am using simulation software's like Cadence SPECTRE, MATLAB, MP-Lab, Tanner daily for my research thesis.

Career Objective:
Looking for a challenging career which demands the best of my professional ability in terms of, technical and analytical skills, and helps me in broadening and enhancing my current skills and knowledge.

KEY EXPERTISE / SKILLS

Flutter   Android Development   Front-End Web Development   Java   Python   Dart   Raspberry Pi   Arduino   8085   C++

Assembly Language   MATLAB   Cadence Spectre   MPLab   Tanner

EDUCATION

University Institute Of Engineering & Technology   2021 - 2023
M.E. - Electronics & Communication Engineering | CGPA: **7.05 / 10.00**

I. K. Gujral Punjab Technical University   2015 - 2020
B.Tech. - Electronics & Communication Engineering | CGPA : **6.41 / 10.00**

St. Vivekanand Millennium School, Pinjore   2015
12th | CBSE | Percentage: **74.00 / 100.00**

St. Vivekanand Millennium School, Pinjore   2013
10th | CBSE | CGPA: **7.40 / 10.00**

PROFESSIONAL EXPERIENCE

UTL Solar   Feb. 1, 2021 - April 30, 2021
Quality Engineer
Key Skills: Inspection and troubleshooting of Inverters

PROJECTS

4 Bit Calculator   Feb. 1, 2019 - March 31, 2019
Team Size: 1
Key Skills: GATE ICs   Breadboard
Made a 4 bit binary calculator with the help of various gate ICs.

Gas Leak Sensor - Based on Arduino   Aug. 1, 2018 - Dec. 31, 2018
Team Size: 2
Key Skills: Arduino UNO   WiFi
Arduino Uno based Gas Leak Sensor Project which notifies the user with alarm and notification whenever there is a gas leak.

SEMINARS / TRAININGS / WORKSHOPS

6 Months Training In BEL Panchkula **Institute Name:** BEL Panchkula   Jan. 1, 2019 - May 18, 2019
Key Skills: Soldering   PCB Design
I was given training in Testing Department & R&D Department.
During working in testing department i learned how to troubleshoot various PCBs and was given work to troubleshoot Night Vision Camera PCB of Arjun Tank. I successfully rectified 100+ PCBs for over the span of 2 months.

For next 3 months i worked in R&D department where we worked on a GPS prototype for Indian Railways.

PERSONAL INTERESTS / HOBBIES

- Researching & learning about new technological advancements.
- Collaborating with open source developments on GitHub.

WEB LINKS / IMs

- WhatsApp - 8571809309
- Github - https://github.com/amitdec12/
- Other - https://play.google.com/store/apps/dev?id=7211213756712468190

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

Current Address: #1150 B-B1, Back Side of Big Atta Mill, Ratpur Colony, Pinjore, Haryana, India - 134102

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Date of Birth: Dec. 12, 1998

Known Languages: English, Hindi, Punjabi

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