



BHAVYA

EMBEDDED SOFTWARE DEVELOPER

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☎ 6284095825

📍 Jalandhar, Punjab

TECHNICAL SKILLS

- C and C++
- HTML
- CSS
- Bootstrap
- Java Script
- React JS
- Node JS
- Mongo DB
- Express JS

TOOLS

- ESP32
- Arduino
- STM32 (Basic)

STRENGTH

- Event coordinator
- Time management
- Decision maker
- Problem Solver

LANGUAGES

- English
- Hindi
- Punjabi

CAREER OBJECTIVE

Dedicated Embedded Software Developer with a passion for designing efficient and reliable systems. Seeking a challenging role to apply expertise in C/C++ programming and firmware development for innovative projects.

EXPERIENCE

EMBEDDED SOFTWARE DEVELOPER

Digital Monk

Jalandhar

June 2023 - Nov 2023

- Worked on various devices like sensors and microcontrollers.
- Adept at designing and implementing solutions for embedded systems.

Contact: <https://digitalmonk.biz/>

INTERNSHIP

MERN STACK DEVELOPMENT

O7 Solutions

Jalandhar

Feb 2023 - May 2023

- Design and develop MERN stack applications using React, Node.js, Express, and MongoDB.
- Implement RESTful APIs and authentication systems.

Contact: <https://o7services.com/>

PROJECTS

DIGITAL SUPERMARKET

- Tech Stack:- C++
- Hardware: Arduino, RFID, Display
- Software: Arduino IDE

TIC-TAC-TOE GAME

- Tech Stack: C++

COLOR SENSOR WITH DISPLAY

- Tech Stack: C++
- Tools: Arduino IDE
- Developed a color sensor system to detect and display images on a TFT screen based on the detected colors with ESP32.

SENSOR'S READINGS ON WEBPAGE AND STORED IN SD CARD

- Tech Stack: C++
- Tools: Arduino IDE
- Implemented a system that captures sensor readings and displays them on a webpage, simultaneously storing the data in an SD card for future reference.

ACTIVITIES

- Organized quiz competitions in college
- Organized cultural events

HOBBIES

- Dance
- Chess
- Basketball

ESP-MESH

- Tech Stack: C++
- Tools: Arduino IDE
- Enabled communication between three ESP devices using ESP PainlessMesh for efficient data exchange.

E-GIFT SHOP

- Tech Stack: HTML, CSS, Bootstrap, React JS, Node JS, MongoDB, Express JS
- Software: VS Code
- <https://github.com/BhavyaSareen/E-Gift-Shop>

TRAINING

C++ Programming

O7 Solutions

Jalandhar

Oct 2022-Dec 2022

- Received comprehensive C++ training, mastering key concepts for efficient software development.

Contact: <https://o7services.com/>

EDUCATION

B.Tech in Electronics and Communication

DAV Institute of Engineering & Technology

2019 - 2023, 7.96 CGPA

+2 (non-medical)

Seth Hukam Chand SD Public School

2018 - 2019, 75%

ACHIEVEMENT & AWARDS

- Datacom HCIA Huawei Certification
- Fundamentals of semiconductor (from alison)
- Basic Electronics Exam conducted by Techview Team