ABZAL SHAIK

Vijinapura, 3rd C Main Road, Behind Sainik Bhavan, East of NGEF Layout, Kasturi Nagar, Bengaluru, Karnataka – 560016.

Mobile No: +91 9177396304

Email Id: abzalshaik630434@gmail.com

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PROFILE

As an Embedded Software Engineer, I am enthusiastic about leveraging my skills to drive innovation in the field of embedded systems. I am actively seeking opportunities within dynamic organizations where I can collaborate with like-minded professionals to integrate hardware and software seamlessly.

EDUCATION

Degree/Branch	School/College	Board/University	Year	Percentage
B.Tech (ECE)	Sree Venkateswara College of Engineering	JNTUA	2024	**68%**
XII (M.P.C)	Narayana Junior College, Nellore	BIEAP	2020	**75%**
X	Sri Netaji MSR Pilot High School	BSEAP	2018	**85%**

PROFESSIONAL TRAINING

ECEP - EMERTXE CERTIFIED EMBEDDED PROGRAMMER

(www.emertxe.com)

- May 2024 – present
- Institution : Emertxe Information Technologies (P) Ltd
- Currently undergoing this training on Embedded systems to become an Industry-ready hands-on Embedded Engineer. A complete course training with multiple projects on C, Data structures, Microcontrollers , etc.

TECHNICAL SKILLS

- **Programming Languages** : C, Embedded C, Data structures, Python(Basics).
- **Operating Systems** : Ubuntu (Linux), Windows.
- **Micro Controllers** : PIC18f4580
- **Software Tools** : MPLAB X IDE, GCC, Visual Code.
- **Protocols** : TCP/IP, UDP, UART, I2C, SPI, CAN.

SOFT SKILLS

- Decision Making

- Leadership

- Teamwork

- Time Management

HOBBIES

- Reading

- Exercises

- Music

- Running

PROJECTS

TRAINING PROJECTS

❖ **"LSB IMAGE STEGANOGRAPHY"**

Description: LSB Image Steganography is a software application that is used to hide the data in an image by using some techniques to encrypt the data. Whatever data is present in that file is encrypted into the image. We can get the data from that image by decryption.

❖ **"ADDRESS BOOK"**

Description: The Address Book project is a software application designed to manage and store information related to Customers in any booking situation. This type of project typically involves the implementation of a basic database system or file handling to store and retrieve customer details.

❖ **"INVERTED SEARCH"**

Description: An inverted index is an index data structure, that stores a mapping from content. Such as words or numbers to their locations in a database file, a document, or a set of documents. An inverted index allows fast, full-text searches at the cost of increased processing when a document is added to the database.

❖ **"MINI SHELL"**

Description: This project is a software application that is a minimal version of the bash shell. The goal was to create a simplified shell that could read and execute commands, handle redirection and piping, manage job control, and implement signal handling similar to bash.

❖ **"APC CALCULATOR"**

Description: An arbitrary-precision calculator (APC) in C language performs calculations on numbers with a precision limited only by the available memory. It's also known as bignum arithmetic, multiple precision arithmetic, or infinite-precision arithmetic.

PERSONAL DETAILS

Father Name	:	Shaik Ali Abbas
Date of Birth	:	28 April 2002
Gender	:	Male
Marital Status	:	Unmarried
Permanent Adress	:	Dhathri green homes, Podugupadu, Nellore, Andhra Pradesh – 524137.
Temporary Address	:	Vijinapura, 3rd C Main Road, Behind Sainik Bhavan, East of NGEF Layout, Kasturi Nagar, Bengaluru, Karnataka – 560016.
Languages	:	Telugu, English, Hindi, Tamil

DECLARATION

I hereby declare that all information furnished above is true to the best of my knowledge.

Place: Bangalore.

Date: (SHAIK ABZAL)