ABHISHEK M SHASTRY K

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Languages: English, Hindi, Kannada

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Udupi, Karnataka, India

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OBJECTIVE

To learn, explore and build a successful career in engineering field which involves implementing the knowledge and skills that I have gained from academics, internships and projects.

SKILLS

Programming languages:

- C, C++
- Python
- Java
- JavaScript, HTML, CSS

Software/Hardware Tools:

- React Native
- Git, GitLab
- Embedded C
- MicroPython
- MATLAB
- Microsoft office
- Arduino IDE, Xilinx ISE

Operating Systems:

- Windows, Ubuntu, CentOS Raspberry Pi OS

ACTIVITIES

- Participated in IICDC, 2019 by Texas Instruments and reached semi-finals.
- Took part in competitions like e-Yantra, KPIT sparkle and Hackathons.

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EDUCATION

COURSE	INSTITUTE	YEAR	PERFORMANCE
B.E	Alva's Institute of Engineering and Technology, Mijar	2021	8.74 CGPA
12TH	Poornaprajna College, Udupi	2017	90%
10TH	T.A PAI EMHS, Udupi	2015	93%

EXPERIENCE

- Worked as an **intern at HealthEdge** for 6 months (Jan-July, 2021). Learned basics of Java programming, Junit, Maven framework for building projects, Weblogic and Jenkins to deploy the project and monitor the build respectively.
- Worked as an **intern at NRSC, Hyderabad** for 3 months (Jan-Mar,2020). Learned basics of micro-controllers and successfully completed Globe-Satellite model project.
- **Internship on Embedded Systems and Sensor Interfacing (July,2019) at Envision Lab, AIET -** Learned Embedded C programming and to interface different Sensors with Arduino UNO. With learning, parallelly a working prototype of a Ball Shooter was completed.
- TCS iON Remote Internship on topic **Automate detection of different emotions from textual comments and feedback (Oct,2020).**
- **Workshop on Design & Fabrication of Fixed Wing Drone in association with HLI Model Sport, Aviation Lab, AIET** - Successfully designed and built a fixed wing drone within the workshop duration of four days.

PROJECTS

- **Micro Weather Station Project -** Micro weather station is a system which measures the environmental variables and is transferred to a server where computations are made and displays the result in mobile application. This uses multiple micro weather stations and aggregates the data provided by multiple data collection points in real time.
- **Globe-Satellite Model -** The project was to build a working Globe-Satellite model to demonstrate how geo-stationary and polar satellites revolve in their respective orbits. My role in this project was to build circuitry and coding part for the model.