

AVINASSH BHARADHWAJ  
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**Career Objective:** To obtain a position that allows me utilize my problem-solving skills, attention to detail and further develop my abilities in the field of computer science.

**Educational Qualifications:**

Course	Institution/University	Year of Passing	Percentage
B.E (I.T)	Chaitanya Bharathi Institute of Technology	2016-2020	7.89(CGPA)
Intermediate	Abhyaas jr college.	2013-2015	95.8
SSC	Narayana IIT Olympiad.	2013	85

**Projects:**

- **BigStack April 2019-**
  - **Abstract:** It is a replica of stack over flow where users can create their profiles, post questions regarding particular topic while other users can the post answers, upvote and delete them. I have used MongoDB cloud service where my database is present. I have deployed on Heroku.
  - Technologies: MongoDB, ExpressJs, ReactJs, NodeJs
- **Emotion Identifier January 2019-**
  - **Abstract:** In this project, I have developed a CNN model which trains on FER-2013 Dataset. To detects Human Emotions based on his/her Facial Expressions. It takes input as a video and detects emotion.
  - Language: Python. Packages: OpenCV, TensorFlow-GPU, cuDNN 7.0.
- **Big-Mart Analysis December 2018-**
  - **Abstract:** Built a Support Vector Machine Model which analyses sales of each product at the registered stores and predicts particular product will be in high demand at a registered store in order to increase sales of the product.
  - Language: Python. Packages: NumPy, Pandas, scikit-learn, matplotlib.
- **StatPredictXI (Academic Project) August 2018 –**
  - **Abstract:** The Aim of this project is to develop a statistical model which predicts eleven players to be selected for cricket fantasy league. An option for updating data is provided which helps to predict an accurate real time result.
  - Language: Python. Packages: BeautifulSoup, Requests, Pandas, OS.
- **Pubgonline.in(www.pubgonline.in) Personal Project September 2018 –**
  - **Abstract:** The Aim of this project is to create a platform where players can compete with each other by joining tournaments to win prizes by making a custom, PUBG mobile game.
  - Technologies: Html/CSS, Bootstrap, JavaScript .PHP, MySQL, cPanel.
- **DASH test centre (Academic Project) Dec 2017**
  - **Abstract:** The Aim of this project is to create a web application which helps the faculty to run Assessment test for students.
  - Technologies: Html/CSS, Bootstrap, JavaScript .PHP, MySQL.

### Work Experience:

1. **Web developer intern, Hindustan Aeronautics Limited (HAL) (currently):**
  - Currently working on developing a web site that helps to cutdown the wastage of stationary materials by applying machine learning algorithm.
  - Technologies used Python and Flask framework.
2. **Frontend web developer intern, VSF ONLINE SERVICES during (Sept-Nov 2018):**
  - Developed customized templates as per requirement using HTML, CSS, Bootstrap technologies.

### Technical Skills:

- Programming languages: Python, C++, Java,
- Web Technologies: Html/CSS, Bootstrap, JavaScript, Node.js, PHP.
- Database: MySQL, MongoDB.
- Vcs tools: Git.
- Software's: Kony Visualizer, cPanel.

### Certifications:

- Complete Backend development with NodeJS: In this course I have learnt advanced JavaScript, concept of routing using node.js and Express.js, use of appropriate middleware's and template engine's, building Rest API for project where I have used MongoDB Atlas as database.
- The Fundamentals of Digital Marketing by Google: In this course I have learnt the working of SEO and web crawlers which helps companies to boost their web site rankings, different type of ads and other marketing strategies.
- Code Chef Certified Data Structure & Algorithms Programme (CCDSAP): I am a certified code chef programmer.

### Activities:

- Published a journal on FACIAL EMOTION DETECTION USING CONVOLUTIONAL NEURAL NETWORKS in International Journal of Computer Science and Engineering (IJCSE); ISSN Print: 2278-9960; ISSN Online:2278-9979; Vol. 8, Issue 3, Apr - May 2019; 7-14
- Worked as a Co-ordinator for website design team for Tecstasy-2K18 which is a National Level Technical Symposium and flagship event of Department of Information Technology at CBIT.
- Attended a Hackathon Conducted by Kony, which is a digital development platform. Where we worked on their software to develop mobile app.