

TUSHAR SUNIL BAID

Pursuing BE in Computer Science

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Portfolio: <https://psiipher.github.io>

Objective:

Seeking a responsible position in an organization, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organization.

Educational Qualification:

Course	Institute	Percentage/ CGPA	Class
Third Year of BE	Smt. Kashibai Navale College of Engineering, Pune, MH. (SPPU)	8.30 CGPA	Distinction
HSC	Children Sr. Sec. School, Kota, Raj.(CBSE)	85%	Distinction
SSC	St. Joseph's Convent Sr. Sec. School, Jalgaon, MH. (CBSE)	97%	Distinction

Highlights:

- Experience in application development in Python using Procedural as well as Object Oriented manner.
- Experience in Client side Web Development using Angular 9.
- Experience in handling, analysing different types of data sets.
- Experience in Algorithm designing.
- Experience in writing Web Automation, File system Automation, Process Automation scripts with periodic scheduling and logging activity using Python.
- Strong coding ability both in producing clean and efficient code as well as debugging and understanding large code bases.
- Experience in use of modern source code control (Git).
- Sound knowledge of operating systems internals.
- Good analytical and problem solving skills.

Technical Skills:

Programming Languages:

Procedural language:	C Programming
Object Oriented language:	Python 3.0, C++, JAVA
High Level language:	Octave, MATLAB
Scripting language:	JavaScript (JS)

Python: Python 3, Python 2

Python Libraries: Numpy, Scipy, Scikit-Learn, TensorFlow, Pandas, OpenCV

Web Technologies:	Angular 9, Rest API, JavaScript, HTML/HTML5
IDE & Tools:	Pycharm, Visual Studio, Sublime, Atom
Database:	PL/SQL, MySQL, MongoDB
Version Control:	Git
Operating System:	Linux Distributions, Windows NT
Methodologies:	Agile, Waterfall

Projects:

Current Project: **Website Development for Ergo EduCorp LLP.**

Technology: Vendor side website development in Angular 9.

	Project Name	Description	Technology Used
1.	Qmoney	A portfolio analyzer to visualize stocks of multiple traders.	Java, JSON, design patterns.
2.	College Attendance System using Face Detection technique.	Payroll and Attendance System using Face Detection Technique.	Machine Learning, Python and OpenCV.
3.	Naval Mine Detector.	Determine whether the object is mine.	Deep Learning with Neural network using Python.
4.	Titanic Survival Predictor.	Predict whether a person would have survived the accident.	Supervised Machine Learning with Logistic Regression using Python.
5.	Periodic Process Logger with Auto Scheduled Log Report Facility.	Automate the process of sending periodic mail to given mail-id containing the current system log.	Python 3.
6.	Directory Traversal.	Lists all the folders, sub-folders and files present in a given path.	Python and Tkinter.

Machine Learning Case Studies:

1. Property Rate Predictor (Linear Regression).
2. Advertisement predictor (Regression).
3. Iris Species classification (K Nearest Neighbour).
4. Breast Cancer Detection (Random Forest).
5. Play predictor (Linear Regression).
6. Head Brain size predictor (Linear Regression).
7. Height Weight prediction.
8. Titanic Survival predictor (Logistic Regression).
9. Diabetes detector (Linear Regression).
10. Wine type classifier (K Nearest Neighbour).

Certifications:

1. Machine Learning by Stanford.
2. JPMorgan Chase & Co. Virtual Exp. By Insidesherpa.
3. Introduction to Data Science in Python by Coursera.
4. Python for Everybody by Coursera.
5. Spoken Tutorial by IITB on Python, Java
6. Using Python to Access Web Data by Coursera.
7. Python Data Structures by Coursera.

Git Repository of Projects: <https://github.com/psiipher>

LinkedIn: <https://www.linkedin.com/in/tusharbaid>

Experience:

1. Student Developer at Crio.Do (2 months):

Domain: JAVA, API.

Projects: Qbox, Qmoney, Qcharm.

2. Web Development Intern at Ergo Educorp LLP (2 months).

Domain: Angular 9.

Personal Information:

- **Date of Birth:** 11/10/1999
- **Father's Name:** Sunil M Baid
- **Nationality:** Indian
- **Address:** Audumbar Shrushti, Ambegaon Bk., Pune

The above mentioned information is authentic to the best of my knowledge.

Tushar Sunil Baid.